

Vegetable Variety Trials 2006

EM 8777-06-E • Revised March 2007



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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. The information from 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).

For more information about specific crop characteristics and their importance, types of cultivars, crop origins, nutritional content, and other varietal qualities, see the Vegetable Crops (Hort. 233) course notes on the Web at oregonstate.edu/dept/hort/233/index.htm. For more information 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/catalog, 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.

It is not always possible to obtain notes on all varieties provided by seed companies or other sources.

Authors

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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

Baker Creek Heirloom Seeds; 2278 Baker Creek Road, Mansfield, MO 65704; 417-924-8917; www.RareSeeds.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

*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

Fedco Seeds; PO Box 520, Waterville, ME 04903-0520; 207-873-7333; www.fedcoseeds.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

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

*Known-You Seed Co., Ltd.; 26 Chung Cheng 2nd Road, Kaohsiung, Taiwan, Republic of China

Nichols Garden Nursery; 1190 Old Santiam Road NE, Albany, OR 97321; 800-422-3985; www.nicholsgardennursery.com

New Mexico State University; Department of Agronomy & Horticulture; PO Box 30; Las Cruces, NM 88003; 505-646-3405

Oregon State University, J.R. Myers, Department of Horticulture, ALS 4017, Corvallis, OR 97331-7304; 541-737-3083; myersja@hort.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.osbornseed.com

*PanAmerican Seed @ Ball Horticultural Company; 622 Town Road; West Chicago, IL 60185; 630-231-1400; www.panamseed.com

Peters Seed & Research; PO Box 62, Riddle, OR 97469; www.psrseed.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

Sow Organic Seed; PO Box 527, Williams, OR 97544; 888-709-7333; www.organicseed.com

*Sunseeds, a division of Nunhems; 1200 Anderson Corner Road, Parma, ID 83660; 1-800-733-9505; www.sunseeds.com

*Syngenta Seeds, Inc.; PO Box 4188, Boise, ID 83711-4188; 208-322-7272; www.syngenta.com

*Takii @American Takii; 301 Natividad Road, 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

Texas A&M University, Kevin Crosby; Texas Agricultural Experiment Station, Weslaco; 2415 East Hwy 83, Weslaco, TX 78596; 956-968-5585; k-crosby@tamu.edu

Tomato Growers Supply Company; PO Box 60015, Fort Myers, FL 33906; 888-478-7333; www.tomatogrowers.com

Vermont Bean Seed Company; 334 West Stroud St., Randolph, WI 52956-1274; 800-349-1071; www.vermontbean.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 2006. Revised March 2007.

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
							Cercospora Leaf Spot	Powdery Mildew					
Albina Verduna	Territorial	white	9	17.0	7.9	long taper	1	5	9	1	3	OP	Strong flavor
Blankoma	Territorial	white	8	9.5	9.8	round	1	7	9	7	6	OP	Sweet flavor
Bull's Blood	Nichols	dark red	5	6.2	7.0	round	3	8	7	3	5	OP	Uniform zoning
Chioggia	Nichols	red	1	6.4	3.5	oblate	1	5	3	4	1	OP	Novelty beet with striking red/white zoning; many are rough or misshaped; segregating for red-orange root color
Cylindra	Nichols	dark red	9	12.3	5.0	cylindrical	5	1	7	2	6	OP	
Detroit Dark Red	Harris	dark red	7	5.0	5.8	round	7	7	5	3	3	OP	Seems to be a mix; segregating for root color
Forono	Johnny's	dark red	9	10.0	4.8	cylindrical	7	1	6	2	7	OP	
Golden	Nichols	golden yellow	7	5.0	5.5	round	1	1	4	3	7	OP	Pitting
Pablo	Bejo	red	8	7.0	6.8	round	5	3	7	1	8	F1	Very uniform; zoning
Pronto	Bejo	dark red	8	4.2	6.0	oblate	3	1	4	1	6	F1	
Red Cloud	Bejo	dark red	9	6.5	7.5	round	5	3	7	3	8	F1	Pitting
Rocket	Bejo	dark red	9	11.5	3.9	cylindrical	7	1	5	2	5	F1	Pitting
Ruby Queen	Alberta	dark red	8	6.4	7.0	round	5	3	6	4	5	OP	
Scarlet Supreme Tall Top	Nichols	dark red	5	5.5	5.0	round	5	1	7	3	7	OP	
Shiraz Tall Top	Seeds of Change	red	6	5.5	5.3	round	3	5	7	5	3	OP	Zoning; good tops for greens
Warrior	Harris	dark red	7	5.5	5.8	round	9	7	5	2	6	F1	Uniform
Yellow Intermediate Mangel	Seeds of Change	orange skin/cream interior	7	15.5	8.0	tapered cone	1	5	9	5	6	OP	Yellow zoning

¹Direct seeded June 20.

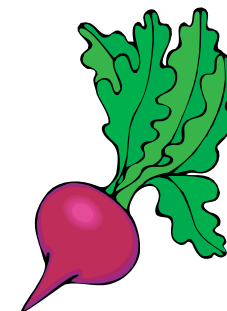
²Scores based on a 1–9 scale with 9 = best.

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

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, and may be a problem in some varieties but not others; zoning refers to rings of different (usually lighter) color in roots. Segregating means that the population contains genetically distinct types with varying root color.



Broccoli¹

Variety	Source	Maturity	Plant Height (cm) ²	Head Diameter (cm)	Head Shape ³	Head Color ⁴	Bead Size ⁵	Stem Color ⁴	Head Exsertion ⁶	Head Segmentation ⁷	Plot Uniformity ⁸	Branching ⁹	Overall Score ¹⁰	Cultivar Type ¹¹	Notes ¹²
Alborada	Bejo	medium	43/62	16	7	5	fine	3	4	4	6	1	7	F1	
Avenger	Sakata	medium	36/67	15	6	4	fine	5	3	4	4	1	5	F1	
Bejo 1959	Bejo	medium	33/63	12	6	4	medium	2	2	1	6	1	5	F1	
Centura	Syngenta	medium	43/62	13	7	5	fine	3	3	5	3	1	3	F1	Very rough heads
Coronado Crown	Seminis	medium	51/71	14	5	5	fine	7	6	5	4	3	5	F1	
Diplomat	Harris	medium	54/65	20	3	5	fine to medium	5	5	6	5	1	5	F1	
DSP 133	D. Palmer	medium	48/72	15	7	5	fine	5	5	7	7	1	7	F1	
DSP 138	D. Palmer	medium	42/54	17	4	5	fine to coarse	5	6	5	4	1	3	F1	Uneven bead development due to heat stress
Everest	Johnny's	early	36/69	15	4	5	medium	5	3	3	5	1	5	F1	Leafy heads; variable bead size
Greenbelt	Rupp	medium	42/52	14	6	5	fine	5	3	3	5	1	5	F1	
Green Goliath	Seminis	medium	39/58	14	4	4	fine	5	3	2	3	1	7	F1	
Green Magic	Sakata	medium	46/70	18	6	5	medium	5	4	2	5	2	5	F1	
Gypsy	Johnny's	medium	39/70	14	6	5	fine	5	3	5	5	1	7	F1	
Hallmark	Bejo	late	37/85	10	6	3	very fine	1	1	1	7	1	7	F1	Like a coarse beaded cauliflower; very late

¹Planted July 10 in 30" rows, thinned to 12" apart.

²First value is height of the head, second value is height of the tallest leaves.

³Scale of 1–9 where 1 = concave, 3 = flat, 5 = slight dome, 7 = moderate dome, and 9 = extreme dome.

⁴Scale of 1–9 where 1 = yellow-green and 9 = dark blue-green. Processors prefer a dark blue-green head and stem; may not be important to home gardeners.

⁵Beads are the individual, unopened flower buds that make up a broccoli head.

⁶Scale of 1–9 where 1 = little exsertion and 9 = very exserted. Head exsertion refers to how far the heads are held above the leaves (important for mechanical harvest).

⁷Scale of 1–9 where 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.

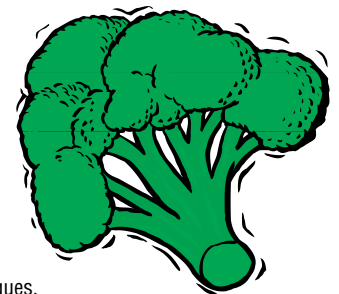
⁸Scale of 1–9 where 9 = most uniform.

⁹Scale of 1–9 where 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.

¹⁰Scale of 1–9 where 9 = best.

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¹²Romanesco 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) ²	Head Diameter (cm)	Head Shape ³	Head Color ⁴	Bead Size ⁵	Stem Color ⁴	Head Exsertion ⁶	Head Segmentation ⁷	Plot Uniformity ⁸	Branching ⁹	Overall Score ¹⁰	Cultivar Type ¹¹	Notes ¹²
Heritage	Seminis	medium	38/54	19	7	5	fine to medium	3	3	4	7	1	7	F1	Leafy heads
Legend	Sakata	medium	59/84	13	4	6	medium	4	6	1	5	3	5	F1	
Liberty	Territorial	medium	41/71	13	5	5	fine	3	2	2	5	1	7	F1	
Marathon	Sakata	late	45/75	18	5	4	fine to medium	5	5	5	7	1	7	F1	Variable bead size from heat stress
Maximo	Sakata	medium	51/80	15	4	3	fine	5	4	5	3	2	3	F1	
Minaret	Territorial	late	48/75	12	9	lime green	very fine	1	1	9	5	1	6	F1	Romanesco type with cauliflower-like leaves
Nutribud	Seeds of Change	early	34/67	15	4	5	coarse	3	1	1	3	1	3	OP	Variable bead size
Packman	Nichols	early	32/51	13	5	3	coarse	3	3	5	3	3	5	F1	
Patron	Rupp	medium	50/78	14	5	4	fine	3	5	7	7	2	5	F1	
Premium Crop	Takii	medium early	45/77	15	3	5	coarse	5	5	5	5	3	3	F1	
Regal	Harris Moran	early	45/60	16	4	5	coarse	2	5	2	4	7	4	F1	
Revolution	Seminis	medium	34/64	15	4	3	fine to medium	1	3	4	4	1	3	F1	Variable bead size; head rot
Rosalind	Territorial	medium	39/89	14	5	purple	very fine	4	1	6	4	3	5	OP	
Sultan	Sakata	medium	48/55	11	6	6	fine	5	6	4	6	3	5	F1	Some head rot

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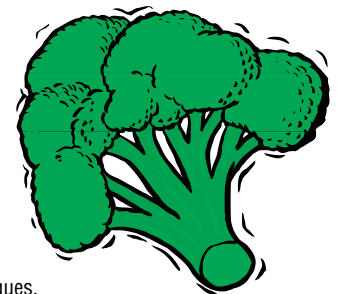
⁸Scale of 1–9 where 9 = most uniform.

⁹Scale of 1–9 where 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.

¹⁰Scale of 1–9 where 9 = best.

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¹²Romanesco 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) ²	Head Diameter (cm)	Head Shape ³	Head Color ⁴	Bead Size ⁵	Stem Color ⁴	Head Exsertion ⁶	Head Segmentation ⁷	Plot Uniformity ⁸	Branching ⁹	Overall Score ¹⁰	Cultivar Type ¹¹	Notes ¹²
Umpqua	Territorial	medium	45/80	16	7	4	medium to coarse	5	3	6	4	1	4	OP	
Veronica	Johnny's	medium	50/75	15	9	light green	medium	1	1	9	7	1	8	F1	Romanesco type; much earlier than Minaret

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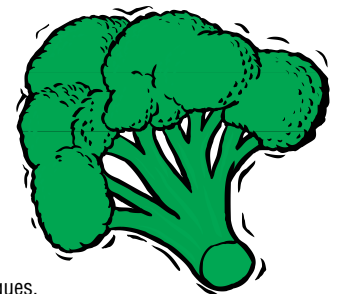
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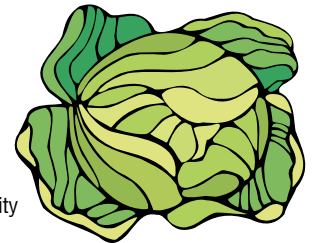
Cabbage¹

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
Cambria	Osborne	fresh market	medium	19.0	21.0	5.0	blue-green	cream	9	7	9	F1	Very mild flavor; holds well without cracking
Capricorn	Territorial	fresh market	early	25.0	16.0	9.0	blue-green	cream	5	7	6	F1	Jersey Wakefield type; mild sweet flavor; cracks easily
Early Jersey Wakefield	Seeds of Change	fresh market	medium	23.0	14.0	10.0	blue-green	cream	4	7	5	OP	Good flavor
Fast Vantage	Sakata	fresh market	early	17.5	19.5	7.5	yellow-green	cream	5	5	6	F1	
Lucy	D. Palmer	fresh market	medium	16.0	20.0	7.0	purple	purple	5	5	5	F1	Very deep purple interior color
Lynx	Johnny's	fresh market	medium	18.0	21.0	6.0	blue-green	cream	5	5	6	F1	
Mercedes	D. Palmer	fresh market	late	17.5	17.5	11.5	purple	purple	5	5	5	F1	Sharp flavor
Miss Kittie	D. Palmer	fresh market	late	17.5	18.0	11.0	purple	purple	7	3	5	F1	Long core
RC-01-3	D. Palmer	fresh market	late	18.0	21.0	7.0	yellow-green	yellow-green	7	7	8	F1	Shiny purple exterior; interior mottled cream and purple
Red Success	Harris	fresh market	medium	17.0	23.0	12.0	purple	purple	5	3	3	F1	
Surprise	Osborne	fresh market	early	15.0	18.0	5.5	blue-green	cream	7	7	8	F1	
Perfection	Victory	savoy	medium	18.0	21.0	7.0	yellow-green	yellow-green	7	7	8	OP	Sharp flavor
Savoy Blue	Harris	savoy	medium	19.0	21.0	7.5	blue-green	light green	5	7	6	F1	
Savoy Express	Seminis	savoy	early	20.0	21.0	12.0	blue-green	yellow-green	3	7	5	F1	
Savoy King	Sakata	savoy	medium	15.0	25.0	9.0	green	cream	8	7	7	F1	Flat heads
Stein's Late Flat Dutch	Territorial	storage	very late	16.0	22.0	7.0	blue-green	cream	3	5	5	OP	
WC-04-15	D. Palmer	storage	late	20.0	27.0	10.0	blue-green	cream	8	7	9	F1	Very nice mild flavor

¹Direct seeded July 10.

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

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



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	14.5	8.5	7	5	flush	10%	4	F1	Defect is mostly forking; some Aster yellows
Danvers	Territorial	Danvers	orange	20.0	7.5	8	2	concave	none	6	OP	Uniform color; moderate aster yellows
White Satin	Fedco	Danvers	white	31.0	5.0	5	none	concave	none	6	OP	Medium-size core with uniform color; mild flavor, some sweet
Parmex	Bejo	French forcing	orange	6.0	6.0	6	3	flush	10%	6	OP	Uniform color
Thumbelina	Territorial	French forcing	orange	8.5	6.0	5	3	convex	5%	5	OP	Moderate aster yellows
Six Shooter	Harris Moran	Imperator	orange	22.0	3.5	4	5	convex	none	5	F1	Good flavor; small core is a darker orange than rest of root; main defect is forking
Topcut	Sunseeds	Imperator	pale orange with dark core	29.0	5.0	7	2	flush	none	5	F1	Small core; some forking
Kinbi	Johnny's	Kuroda	yellow orange	15.5	6.0	7	3	concave	none	4	F1	Green shoulder; some forking
Kuroda	Harris	Kuroda	dark orange	16.0	8.0	7	2	concave	none	7	F1	Darker-orange core
Artist	Johnny's	Nantes	bright orange	20.0	4.5	4	none	convex	none	9	F1	Uniform interior
Austria	Bejo	Nantes	orange	14.0	4.0	2	none	convex	none	8	F1	Very refined
Beta Sweet	Leonard Pike (Texas A&M Univ.)	Nantes	purple with bright orange core	18.5	5.0	5	3	convex	none	5	F1	Moderate aster yellows
Karina	Seminis	Nantes	light orange	15.5	5.0	5	4	flush	none	5	F1	Some forking
Magnum	Harris	Nantes	orange	19.5	4.0	5	2	concave	none	7	F1	Uniform color; some forking
Mignon	Bejo	Nantes	orange	20.0	5.5	2	5	flush	none	3	F1	
Mokum	Bejo	Nantes	dark orange	15.5	4.0	2	2	convex	none	6	F1	Tender; good flavor; some aster yellows

¹Direct seeded June 20.

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.

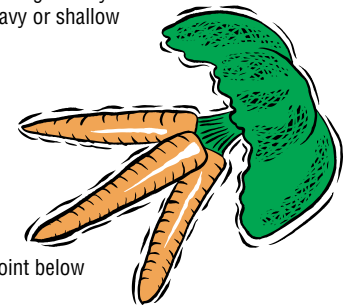
³Scores based on a 1–9 scale with 9 = best.

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. Forking refers to the roots splitting into two or more forks at some point below the crown.



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
Napoli	Bejo	Nantes	pale orange	17.0	4.0	3	none	convex	none	8	F1	Small core; mild flavor
Narbonne	Bejo	Nantes	bright orange	18.0	5.0	3	none	convex	none	8	F1	
Navarino	Johnny's	Nantes	orange	15.5	4.0	4	2	concave	none	5	F1	Greening in crown; dark-orange core; some forking; some aster yellows
Nelson	Bejo	Nantes	dark orange	18.5	4.0	3	2	convex	none	9	F1	Very uniform; very small, dark core; sweet
Nevis	Bejo	Nantes	dark orange	14.5	5.0	4	3	concave	none	6	F1	Some forking
Oranza	Bejo	Nantes	orange	17.5	6.0	4	none	concave	none	8	F1	Large, dark-orange core
Rumba	Johnny's	Nantes	orange	14.5	4.0	5	2	square; excellent color	none	5	OP	Large core but uniform color; fair flavor; some aster yellows
Scarlet Nantes	Harris	Nantes	orange	14.5	5.5	5	7	convex	none	6	OP	Uniform color; some forking
Vitana	Johnny's	Nantes	pale orange	20.0	5.0	4	none	convex	none	5	F1	Variable root size; core is much darker orange than rest of root
Yaya	Johnny's	Nantes	dark orange	16.5	4.5	2	none	concave	none	8	F1	Nice color
Cosmic Purple	Rupp	Novelty	purple skin/ orange interior	15.0	4.5	5	7	concave	none	5	OP	Severe aster yellows
Mello Yello	Nichols	Novelty	bright yellow	30.0	6.0	6	2	convex	none	7	OP	
Purple Haze	Territorial	Novelty	purple skin/ orange interior	22.0	5.5	4	3	convex	20%	5	OP	
Rainbow	Nichols	Novelty	multi	35.0	5.5	5	3	concave	none	6	OP	Colors range from white to yellow to orange; green core on many; some forking
Yellowstone	Territorial	Novelty	bright yellow	29.0	8.0	8	3	convex	50%	7	OP	Some forking

¹Direct seeded June 20.

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.

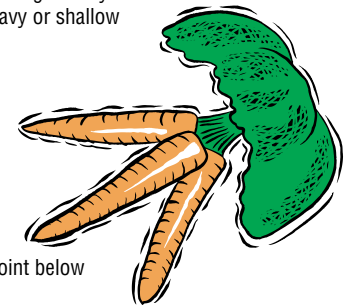
³Scores based on a 1–9 scale with 9 = best.

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. Forking refers to the roots splitting into two or more forks at some point below the crown.



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
Absolute	Johnny's	medium	10.0	16.0	3	white	7	6	6	F1	Good flavor
Amazing	Bejo	medium	8.0	12.0	4	cream	6	8	5	OP	
Cheddar	Nichols	early	7.0	10.0	7	orange and cream	5	3	5	F1	Uneven interior color; strong flavor
Concert	Osborne	medium	8.0	13.0	6	cream	7	7	4	F1	Purpling in head
Cortes	Syngenta	medium	9.0	13.0	8	white	9	7	8	F1	Very solid head
Farmer's Extra Early	Harris Moran	early	6.0	11.0	3	cream	3	1	2	OP	
Graffiti	Johnny's	medium	10.0	15.0	5	purple	7	6	8	F1	
Phoenix	Johnny's	medium	8.0	12.0	8	white	7	5	7	F1	Very solid head; good color
Titan	Osborne	medium	9.0	16.0	5	cream	9	7	6	F1	
White Magic	Sakata	medium	8.0	15.0	7	white	9	8	8	F1	

¹Direct seeded July 10.

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.



Corn, Sweet¹

Variety	Source	Type ²	Color	Days to Harvest	Yield (lb/25 plants)	Ears/Plant	Lb/Ear	Ear Length (inches)	Ear Diameter (inches)	Kernel Depth (mm)	Pericarp Toughness ³	Kernel Refinement ⁴	Ear Uniformity ⁵	Flavor ⁶	Overall Score ⁶	Notes
Augusta	Harris	se	white	94	21.5	1.52	0.57	7.9	1.95	10.0	89	3.5	2.5	3.0	3.0	Very conical ears with wide butt ends and narrow tips; jumbled rows about halfway up; sweet but bland
Mystique	Harris	se	bicolor	88	28.6	1.80	0.65	8.8	1.95	11.0	69	2.5	3.0	4.0	3.5	Excellent yield of mostly two large ears per plant; somewhat rough with jumbled rows and uneven kernels; excellent flavor and sweetness
Silver Princess	Vermont Bean Seed	se	white	89	32.2	2.20	0.59	8.2	1.90	11.0	65	3.5	3.5	3.5	4.0	Excellent yield of large, very attractive ears
Silverado	Harris	se	white	95	22.1	1.68	0.53	7.6	1.85	11.0	106	3.5	3.0	4.0	3.5	Some curved ears; sweet and flavorful
Spring Snow	Harris	se	white	80	11.2	1.00	0.45	7.7	1.65	10.0	104	3.5	2.5	2.5	3.0	Good corn flavor but not very sweet
Spring Treat	Johnny's	se	yellow	77	16.3	1.45	0.45	7.7	1.70	10.0	72	2.0	2.5	3.5	3.0	Very tender; sweet
Spring Treat	Fedco	se	yellow	77	14.4	1.10	0.52	7.9	1.70	10.0	73	2.0	2.5	3.5	3.0	Same as Spring Treat from Johnny's; a good, early, home-garden corn
Mirai 421W	Harris	sh2	white	95	8.8	0.64	0.55	7.8	1.90	11.0	111	3.0	3.0	4.5	3.5	Poor yield may be due to many lodged plants; excellent flavor
Supersweet Jubilee	Syngenta	sh2	yellow	95	13.4	0.96	0.56	7.7	1.90	11.0	107	4.0	3.5	4.5	4.0	
Vision	Harris	sh2	yellow	89	7.8	0.56	0.56	7.3	1.90	11.0	79	3.5	3.0	3.5	2.5	Very poor yield, many plants with no ears; curved; oval
Jubilee	Syngenta	su	yellow	95	19.3	1.35	0.57	7.6	1.95	13.0	94	4.0	4.0	3.5	4.0	
Martian Double Red	Sow Organic	su	red	109	8.3	0.71	0.42	6.7	1.80	11.0	128	2.5	1.5	2.5	2.5	Novelty; beautiful red color varying from very dark to light red, which adds to interest; some with some white kernels mixed in; highly variable for shape; not sweet but fair corn flavor
Silver Queen	Harris	su	white	101	15.1	1.05	0.58	8.3	1.75	10.0	99	2.5	3.0	3.0	2.5	Some curved ears

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 except Yukon Gold and Martian Double Red are hybrids.

²Type: su = standard sweet corn; se = sugary enhanced; tsw = triple sweet; sh2 = supersweet. Supersweet corn must be isolated from the other types by time or distance.

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

⁴Scores 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.

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

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



Corn, Sweet¹

Variety	Source	Type ²	Color	Days to Harvest	Yield (lb/25 plants)	Ears/Plant	Lb/Ear	Ear Length (inches)	Ear Diameter (inches)	Kernel Depth (mm)	Pericarp Toughness ³	Kernel Refinement ⁴	Ear Uniformity ⁵	Flavor ⁶	Overall Score ⁶	Notes
Yukon Gold	Alberta	su	yellow	67	8.8	0.96	0.37	6.6	1.70	8.0	133	2.0	1.0	1.5	2.0	Extremely early; may be worth growing where season is very short; has a "green" flavor, not at all sweet
Applause	Harris	tsw	yellow	89	22.6	1.68	0.54	7.8	1.85	11.0	71	2.5	3.0	4.0	3.0	Good yield of usable ears; very poor tip fill
Renaissance	Harris	tsw	bicolor	83	11.8	0.92	0.51	7.2	1.80	10.0	75	3.5	2.5	4.0	3.5	Some curved ears; excellent flavor and sweetness
Revelation	Harris	tsw	bicolor	88	14.2	0.92	0.62	7.6	2.00	11.0	65	3.0	3.0	3.0	2.0	Picked after a rain; most kernels on all ears are split and deteriorating, making them unusable
Sugar Pearl	Territorial	tsw	white	83	22.6	1.70	0.52	7.5	1.85	11.0	69	3.0	2.5	3.5	3.5	Excellent yield for an early variety, most plants with two ears; very tender with good flavor and sweetness
Sugar Pearl	Rupp	tsw	white	83	21.8	1.60	0.55	7.5	1.90	11.0	66	3.0	2.5	3.5	3.5	Identical to Sugar Pearl above
Valor	Harris	tsw	bicolor	83	10.6	0.96	0.44	7.1	1.65	10.0	78	3.5	2.0	3.0	2.0	Variable for type and maturity; low yield

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 except Yukon Gold and Martian Double Red are hybrids.

²Type: su = standard sweet corn; se = sugary enhanced; tsw = triple sweet; sh2 = supersweet. Supersweet corn must be isolated from the other types by time or distance.

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

⁴Scores 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.

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

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



Cucumbers¹

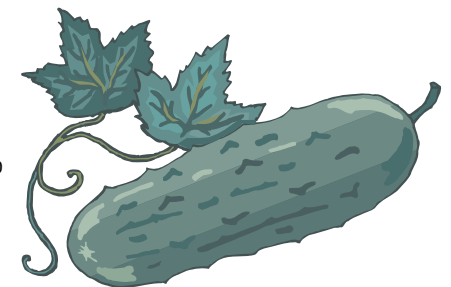
Variety	Source	Type	Plant Habit	Skin Color	Fruit Length (cm)	Fruit Width (cm)	Uniformity ²	Overall Score ²	Cultivar Type ³	Notes ⁴
Expedition	Seminis	pickler	compact vine	medium green	10.6	3.0	5	5	F1	Good yield
Jackson Supreme	Sunseeds	pickler	compact vine	dark green	10.5	3.3	9	8	F1	Very good yield
Journey	Seminis	pickler	compact vine	medium green	11.8	3.1	7	7	F1	
Regal	Harris	pickler	compact vine	medium green	10.0	2.6	7	7	F1	
Rocky	Johnny's	pickler	compact vine	shiny medium green	10.8	3.4	9	4	F1	Heavy, uniform fruit set; seedless type; severe ALS
Sassy	Harris	pickler	vine	dark green	11.2	3.7	3	3	F1	Average yield
Smart Pickle	Seeds of Change	pickler	vine	light green	13.5	4.7	6	3	OP	Black spines; average yield
Yellow Submarine	Seminis	pickler	vine	light green	14.3	3.2	1	1	OP	Poor yield; uneven fruit shape; severe ALS
Zapata	Sunseeds	pickler	vine	dark green	9.7	3.0	7	5	F1	
Intimidator	Seminis	slicer	vine	dark green	20.4	4.7	5	6	F1	
Marketmore 97	Territorial	slicer	vine	dark green	18.4	6.1	7	5	OP	Trace ALS
Poinsett 97	Territorial	slicer	vine	medium green	19.5	4.5	3	3	OP	Moderate ALS
Stonewall	Harris Moran	slicer	vine	dark green	25.0	5.0	1	5	F1	Variable maturity; trace ALS
Sweet Marketmore	Seeds of Change	slicer	vine	green	17.3	4.9	4	5	OP	
Sweeter Yet	Seminis	slicer	compact vine	dark green	21.7	4.1	5	5	F1	Smooth, shiny skin; good flavor; trace ALS
Mideast Prolific	Seeds of Change	Asian slicer	vine	light green	16.7	5.3	5	5	OP	Smooth skin; good flavor; moderately severe ALS
Satsuki Madori	Seeds of Change	Asian slicer	vine	medium green	22.5	2.2	5	7	OP	Very curved fruit; moderate ALS

¹Direct seeded July 5.

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

³F1 = 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.

⁴ALS: angular leaf spot (*Pseudomonas lachrymans*) is a bacterial disease causing irregular spots with yellow margins on foliage and sometimes fruit; when severe it can affect yield.



Eggplants¹

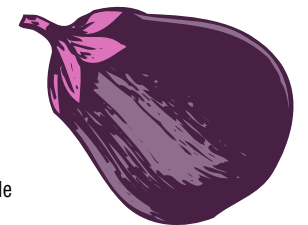
Variety	Source	Maturity	Fruit Color	Fruit Shape	Fruit Length (cm)	Fruit Width (cm)	Yield ²	Disease Severity ³	Plant Height (cm)	Overall Score ²	Cultivar Type ⁴	Notes
Applegreen	Territorial	medium	light green	oblong	6.0	5.2	5	5	53	5	PL	Spiny plant
Beatrice	Johnny's	medium	lavender	round	8.5	9.3	5	7	89	4	F1	Bright fruit color; pretty
Black	Seeds of Change	early	dark purple	oval	11.5	6.0	5	1	65	4	PL	Spineless
Clara	Johnny's	medium	white	oblong	10.4	6.3	5	5	78	5	PL	
Classic	Harris Moran	medium early	black	elongated pear	20.5	7.0	7	3	97	7	F1	Very attractive, glossy fruit; relatively spine-free
Dusky	Nichols	early	black	pear	18.6	9.4	6	8	90	5	F1	Classic eggplant shape; spiny
EP-04-03	D. Palmer	medium late	black	elongated pear	15.2	4.5	3	7	69	3	F1	Picks easily; heavily defoliated by Verticillium
EP-04-04	D. Palmer	medium	black	pear	10.2	5.2	4	3	76	5	F1	Picks easily
Epic	Rupp	early	black	pear	15.0	15.2	7	6	81	7	F1	Spiny
Fairy Tale	Seminis	medium	light purple with white stripes	oblong	11.1	3.6	7	3	33	7	F1	Compact plants; many small fruit
Fengyuan Purple	Tomato Growers Supply	medium early	dark purple	very long, slender	21.3	2.7	7	3	46	8	PL	
Green Goddess	Nichols	medium	green	elongate	22.0	3.9	5	2	66	7	F1	Spiny
Italian White	Seeds of Change	medium early	light green	round	10.2	8.6	7	5	76	7	PL	
Lavender Touch	Harris	medium early	cream with lavender streaks	elongated oval	12.8	5.2	4	4	72	5	F1	Very spiny
Long Purple	Tomato Growers Supply	medium early	purple	elongate	15.0	4.6	7	5	84	3	PL	Tall plants; long, slender fruit
Pumpkin Pepper	Harris	very late	green (no mature fruit)	oblate with heavy ribs	2.7	5.0	2	1	97	3	F1	Novelty eggplant; not adapted
Snowy White	Seeds of Change	medium	white	oblong	15.6	5.4	5	3	65	6	PL	Picks easily; spiny
Swallow	Fedco	early	black	oblong	11.5	4.0	7	8	56	5	F1	Heavily defoliated by Verticillium
Turkish Orange	Seeds of Change	medium	orange with green stripes	round	4.2	4.5	3	3	37	5	PL	Bitter eggplant (<i>Solanum macrocarpon</i>)

¹Transplants set out May 31.

²Scores based on 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.



Miscellaneous Greens¹

Variety	Source	Crop	Plant Height (cm)	Color	Vigor ²	Flavor	Overall Score ²	Cultivar Type ³	Notes
Arugula	Seeds of Change	arugula	30	green	7	mild; good	8	OP	Finely cut leaves
Even* Star	Fedco	arugula	25	green	7	mild; slightly sour	5	OP	Rounded cut leaves
Runway	Johnny's	arugula	20	green	5	mild; good	6	OP	Finely cut leaves
Sprint	Johnny's	arugula	32	green	8	mild; good	8	OP	Rounded cut leaves
Wrinkled Crinkled	Sow Organic	cress	24	green	5	sharp; spicy	5	OP	Finely cut leaves; attractive garnish
Wrinkled Crinkled Crumpled	Wild Garden	cress	24	green	5	sharp; spicy	5	OP	Finely cut leaves
Curly Green	Sow Organic	kale	24	green	4	mild	5	OP	Highly crinkled and ruffled leaves; attractive for garnish
Red Ursa	Sow Organic	kale	50	gray-green w/purple rib and pink veins	8	mild, nutty	8	OP	Highly fringed leaves; very pretty
White Russian	Sow Organic	kale	40	gray-green w/white ribs	6	mild; slightly bitter	6	OP	Moderately fringed leaves
Great Wave	Wild Garden	mustard	30	green w/white rib and purple veins	6	strong; bitter	5	OP	Smooth leaves with smooth edges
Homi-Z	Wild Garden	mustard	30	green w/white rib and purple veins	7	sweet; slightly hot	8	OP	Contains quite a few different types, but predominantly as described
Pink Lettuce	Wild Garden	mustard	50	green w/pink ribs	9	mild; slightly bitter	4	OP	Smooth leaves with slightly ruffled edges; bolting

¹Direct seeded July 11 in transitional organic ground at the Horticulture Lewis Brown Farm, Corvallis.

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

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Melons¹

Variety	Source	Type ³	Maturity	Fruit Length (cm)	Fruit Width (cm)	Cavity Length (cm)	Cavity Width (cm)	Rind Color	Flesh Color	Netting ⁴	Disease ⁵	Yield ⁶	Flavor ⁶	Brix ⁷	Overall Score ⁶	Cultivar Type ⁸	Notes
San Juan	D. Palmer	Ananas	medium early	14.5	12.7	8.5	5.4	yellow-green	cream	medium	8	4	6	12.4	3	F1	Severe angular leaf spot, affecting fruit
Trinidad	D. Palmer	Ananas	medium	16.5	13.6	11.0	7.0	tan	cream	medium	7	3	6	9.2	5	F1	
Athena	Johnny's	California shipping	medium late	17.4	13.8	11.0	5.0	tan	orange	medium	7	8	8	9.8	8	F1	Coarse netting
Cobra	D. Palmer	California shipping	late	13.6	11.8	9.3	5.5	tan	pale orange	heavy	9	7	6	5.6	5	F1	
Hale's Best Jumbo	various ²	California shipping	medium	16.1	12.8	9.8	6.0	tan	orange	medium	7	6	5	9.0	5	OP	
Ovation	Syngenta	California shipping	medium late	14.5	14.2	10.4	5.9	tan	orange	heavy	8	8	7	9.3	6	F1	
Western Express	Sakata	California shipping	medium late	13.6	14.6	8.7	7.5	tan	pale orange	heavy	8	7	5	4.8	3	F1	
WSC-04-16	D. Palmer	California shipping	medium	17.7	16.0	9.6	6.0	tan	orange	heavy	4	7	3	8.4	5	F1	
WSC-05-18	D. Palmer	California shipping	late	13.7	13.0	7.5	6.0	tan	orange	heavy	8	5	9	7.0	7	F1	
WSC-06-21	D. Palmer	California shipping	medium late	16.5	13.8	10.3	4.7	tan	pale orange	medium	9	6	7	8.4	6	F1	
WSC-06-22	D. Palmer	California shipping	medium late	14.2	12.5	8.7	6.5	tan	pale orange	heavy	7	8	6	9.0	8	F1	
Delicious 51	various ²	Eastern cantaloupe	medium early	13.0	12.8	7.5	5.0	tan	orange	medium	7	5	5	8.3	6	OP	
Halona	Johnny's	Eastern cantaloupe	medium early	13.6	13.3	7.7	5.5	tan	orange	medium	5	5	5	7.4	4	F1	Coarse netting; some cracking fruit
Hannah's Choice	Nichols	Eastern cantaloupe	medium	15.3	13.0	11.2	6.0	tan	deep orange	medium	3	6	5	9.4	7	F1	
Lil' Loupe	Harris	Eastern cantaloupe	early	9.8	9.5	6.1	4.9	tan	orange	medium	7	7	7	12.2	7	F1	Small, "personal" size melon; relatively large cavity

¹Direct seeded June 9 with 60" row spacing.

²Available from several sources; see *Garden Seed Inventory* published by Seed Savers Exchange (see "Sources," page i).

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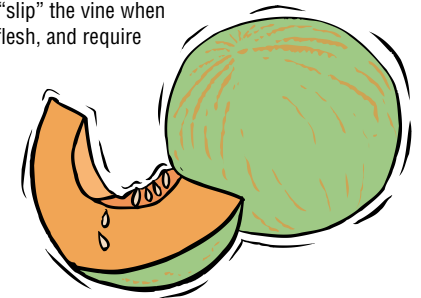
⁴Netting refers to the "cross-hatch" appearance of the rind, with moderate-to-heavy netting preferred for shipping melons to prevent damage.

⁵Disease scores based on a 1–9 scale with 9 = severe. Diseases present were angular leaf spot, powdery mildew, and fusarium wilt.

⁶Scores based on a 1–9 scale with 9 = best.

⁷Brix = percent soluble solids (a measure of sweetness; higher numbers indicate sweeter fruit).

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Melons¹

Variety	Source	Type ³	Maturity	Fruit Length (cm)	Fruit Width (cm)	Cavity Length (cm)	Cavity Width (cm)	Rind Color	Flesh Color	Netting ⁴	Disease ⁵	Yield ⁶	Flavor ⁶	Brix ⁷	Overall Score ⁶	Cultivar Type ⁸	Notes
Maverick	Hollar	Eastern cantaloupe	medium early	14.8	14.0	8.5	6.4	tan	orange	medium	4	8	8	9.0	8	F1	Coarse netting; juicy with excellent flavor and yield
Strike	Hollar	Eastern cantaloupe	medium	17.8	14.7	11.4	5.3	tan	pale orange	medium	4	7	5	8.8	6	F1	Uniform, very pretty flesh color
HiBrix	Rupp	Canary	early	15.2	11.5	8.0	4.5	yellow-green	pale green	none	5	5	5	12.0	1	F1	Fruit cracks easily and rots
Sungold	Seeds of Change	Casaba	medium	16.0	15.0	10.0	8.0	yellow-green	cream	none	9	3	—	—	1	OP	Very susceptible to angular leaf spot; no ripe fruit
Savor	Johnny's	Charentais	medium late	12.4	12.3	7.7	5.0	blue-green	orange	light	8	7	7	11.8	6	F1	
Eel River	Seeds of Change	Crenshaw	medium late	21.0	14.4	11.6	6.8	tan with dark-green spotting	light orange	medium	7	6	5	8.0	5	OP	Best of Crenshaw types
Lilly	D. Palmer	Crenshaw	medium early	22.4	13.5	14.5	7.0	yellow-green	light orange	none	5	5	3	9.0	4	F1	Severe angular leaf spot, affecting fruit
Sweet Freckles	Seminis	Crenshaw	late	16.5	10.2	11.0	7.0	yellow-green	light orange	light	5	3	—	—	—	F1	No ripe fruit
Dove	Hollar	Galia	medium early	13.5	13.2	7.4	6.0	yellow-green	cream	medium	7	7	6	11.6	5	F1	Angular leaf spot affecting fruit
Gala	D. Palmer	Galia	medium	11.7	12.3	6.5	4.7	yellow-green	green	medium	1-7	6	3	8.0	4	F1	Severe fruit cracking and rot; appears to be segregating for susceptibility to angular leaf spot

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Melons¹

Variety	Source	Type ³	Maturity	Fruit Length (cm)	Fruit Width (cm)	Cavity Length (cm)	Cavity Width (cm)	Rind Color	Flesh Color	Netting ⁴	Disease ⁵	Yield ⁶	Flavor ⁶	Brix ⁷	Overall Score ⁶	Cultivar Type ⁸	Notes
Galia Max	Hollar	Galia	medium early	19.2	16.3	13.0	6.8	yellow-green	green	medium	5	7	5	10.4	4	F1	Fruit rotting
Girlie	D. Palmer	Galia	medium late	16.1	15.4	8.5	5.5	cream	green	medium	5	7	5	7.8	5	F1	Later than other Galias but more disease resistant and productive
Gourmet	Hollar	Galia	early	14.2	13.2	9.0	6.0	yellow-green	cream	medium	7	6	7	13.0	4	F1	Angular leaf spot affecting fruit
Sensation	Harris	Galia	medium	15.3	13.2	7.8	8.3	yellow-green	cream	medium	7	5	8	12.6	4	F1	Angular leaf spot affecting fruit
Visa	Hollar	Galia	early	15.1	13.4	8.8	5.3	yellow-green	green	medium	5	8	5	7.5	6	F1	
HDM-03-09	D. Palmer	Honeydew	late	16.2	14.5	9.5	7.0	cream	green	very light	8	7	8	10.0	6	F1	
Honey Brew	Sakata	Honeydew	medium	19.3	15.6	11.0	7.2	pale green	green	very light	2	3	6	9.2	4	F1	Very crisp texture; some fruit rot
Magic to Dew	Abbott & Cobb	Honeydew	medium late	19.5	13.8	11.5	6.0	cream	light green	light	6	7	7	14.0	8	F1	Angular leaf spot affecting fruit; some fruit cracking
Morning Dew	D. Palmer	Honeydew	medium late	17.4	14.7	10.3	7.2	cream	pale green	very light	7	7	7	12.4	7	F1	
Salmon Dew	Rupp	Honeydew	early	15.9	15.8	9.2	7.0	cream	pale orange	very light	5	7	5	6.0	5	F1	
Kermit	D. Palmer	Piel de Sapo	late	17.6	13.3	13.0	5.6	pale yellow	cream	very light	8	5	—	—	2	F1	Most fruit rotten

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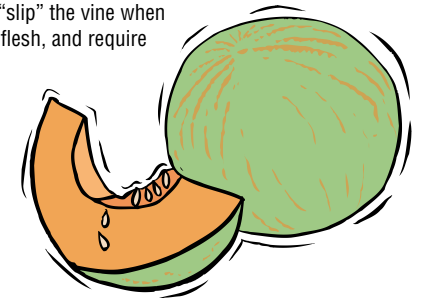
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Melons¹

Variety	Source	Type ³	Maturity	Fruit Length (cm)	Fruit Width (cm)	Cavity Length (cm)	Cavity Width (cm)	Rind Color	Flesh Color	Netting ⁴	Disease ⁵	Yield ⁶	Flavor ⁶	Brix ⁷	Overall Score ⁶	Cultivar Type ⁸	Notes
Piel de Sapo	Baker Creek	Piel de Sapo	late	18.5	13.2	12.6	7.0	pale yellow	cream	light	9	3	—	—	1	OP	Very susceptible to angular leaf spot; no ripe fruit
Abu	D. Palmer	specialty	late	17.0	13.4	10.0	5.8	tan	pale orange	heavy	5	6	5	9.0	3	F1	Fruit rotting before ripe
Banana	various ²	specialty	late	37.2	12.8	30.0	6.9	blue-green	orange	light	4	3	4	7.6	3	OP	
Mango Melon	Baker Creek	specialty	early	10.1	6.3	7.5	3.2	yellow	cream	none	5	7	2	8.2	5	OP	Very bland flavor; often used for pickling

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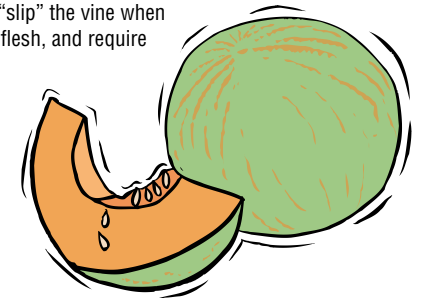
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Peppers, Bell¹

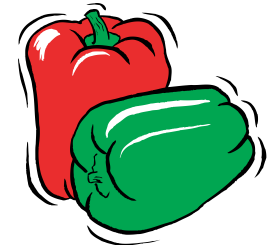
Variety	Source	Maturity	Immature Color	Mature Color	Fruit Length (cm)	Fruit Width (cm)	Plant Height (cm)	Plant Width (cm)	Flesh Thickness (mm)	Sun-scald ²	Yield ³	Overall Score ³	Cultivar Type ⁴	Notes
Admiral	Syngenta	medium early	green	yellow	10.7	8.0	48	48	6.0	7	7	5	F1	
Alliance	Harris Moran	medium early	green	red	9.0	8.2	43	46	8.0	5	7	5	F1	Blocky fruit; good flavor; sweet
Ariane	Tomato Growers Supply	late	green	orange	11.0	7.6	41	46	7.0	3	4	2	F1	Very late, stunted plants; mild, slightly sweet flavor
Bianca	Johnny's	medium late	pale yellow	orange	5.3	7.8	52	40	7.0	1	6	5	F1	Upright plant; variable shape
Chocolate Beauty	Territorial	medium late	green	red-brown	11.6	8.4	42	60	9.0	1	6	5	F1	
Gourmet	Territorial	medium late	green	orange	10.4	7.7	34	64	9.0	3	5	4	OP	Good flavor
Hershey	Tomato Growers Supply	medium	green	maroon	10.4	7.0	44	45	7.0	3	7	7	F1	
Lady Bell	Harris Moran	medium early	green	red	9.5	8.0	44	48	5.0	3	7	6	F1	Three-lobed fruit; good flavor
Lantern	Tomato Growers Supply	medium early	green	deep red	13.0	7.9	45	52	7.0	6	8	6	F1	Blocky fruit; bland flavor—not sweet
New Ace	Harris	medium	green	red	9.5	6.0	16	19	5.0	1	5	5	F1	Small fruit; small plant
Orange Cal Wonder	Seeds of Change	medium late	green	orange	11.5	7.0	32	27	6.0	3	7	5	OP	
Orange Sun	Peters	late	green	orange	10.5	7.6	38	43	6.0	1	5	4	OP	
Orion	Johnny's	medium late	green	dark red	10.2	9.9	39	57	7.0	7	6	4	F1	
Patriot	Harris	medium	green	deep red	9.6	8.7	53	57	9.0	2	7	7	F1	Very blocky fruit; early fruit is large with smaller later fruit
Prince	Harris Moran	medium	green	orange	14.5	7.4	19	24	7.0	7	7	3	F1	High yield caused lodging
Socrates	Tomato Growers Supply	medium early	green	red	10.5	8.1	46	52	9.5	3	4	7	F1	Very large first fruits
SP-04-36	D. Palmer	medium late	green	red	11.5	9.0	39	45	8.0	1	7	4	F1	
SP-04-42	D. Palmer	medium early	green	yellow	9.8	8.5	47	54	6.0	5	7	7	F1	
Sun Bell	Tomato Growers Supply	medium early	pale yellow	red	13.1	7.2	46	52	7.5	2	7	6	F1	Elongated bell

¹Transplants set out May 31.

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Peppers, Bell¹

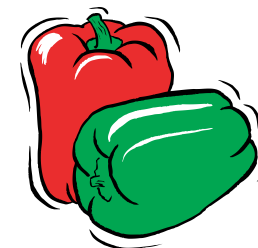
Variety	Source	Maturity	Immature Color	Mature Color	Fruit Length (cm)	Fruit Width (cm)	Plant Height (cm)	Plant Width (cm)	Flesh Thickness (mm)	Sun-scald ²	Yield ³	Overall Score ³	Cultivar Type ⁴	Notes
Sunbright	Peters	medium late	green	yellow	10.4	8.8	44	37	8.0	2	7	5	OP	
Sweet Surprise	D. Palmer	medium early	green	red	10.9	8.0	43	66	8.0	4	8	5	F1	
Taurus	Syngenta	medium	green	dark red	9.0	7.6	35	48	8.0	3	8	7	F1	
Tawny Port	Tomato Growers Supply	medium late	green	maroon	9.8	7.0	53	48	6.0	5	7	6	F1	Good flavor
Wizard	Harris	medium early	green	deep red	9.8	6.8	46	66	8.0	4	9	8	F1	Blocky shape; good flavor

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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 early	waxy yellow	orange	7.8	1.7	5	96	94	2.0	1	7	5	OP	Acidic flavor
Criolla Sella	Seeds of Change	Aji	medium early	green	orange	6.5	1.4	7	63	57	1.5	1	6	6	OP	
Anaheim	Seeds of Change	Anaheim	late	green	red	15.5	3.9	2	55	67	3.0	1	5	4	OP	
Relleno	Seeds of Change	Anaheim	medium early	green	bright red	16.3	5.0	2	28	54	3.0	2	7	8	OP	Very mild, good flavor
Ancho 101	Tomato Growers Supply	Ancho	late	dark green	red	14.5	6.3	1	59	42	4.0	2	5	3	OP	
Ventura	Johnny's	Ancho	late	dark green	brown	13.3	4.8	1	73	68	3.0	1	8	5	F1	
Aci Sivri	Nichols	Cayenne	medium early	green	red	17.8	1.6	3	42	52	2.0	1	7	7	OP	
Golden Cayenne	Tomato Growers Supply	Cayenne	medium	green	golden yellow	10.0	1.5	3	51	60	2.0	1	5	6	OP	Good drying quality
Joe's Long Cayenne	Seeds of Change	Cayenne	medium late	green	red	30.0	1.4	5	54	43	2.0	1	7	5	OP	Good flavor
Ring-O-Fire	Seeds of Change	Cayenne	medium	green	red	10.2	1.4	7	48	59	1.5	1	5	6	OP	Upright plants
Sweet Cayenne	Tomato Growers Supply	Cayenne	early	yellow-green	red	19.0	1.8	2	49	70	2.0	1	7	7	OP	Tough skin; segregating for pungency
Guajillo	James Cassidy (OSU)	Guajillo	very late	green	red	14.6	3.5	2	62	50	2.0	1	7	4	OP	Very nice flavor but too late
Caribbean Red	Harris	Habanero	medium late	light green	red	5.1	3.9	9	49	77	1.0	1	7	5	OP	Good aroma
Fatalii	Tomato Growers Supply	Habanero	medium late	green	yellow	8.5	2.5	9	50	79	1.0	1	5	5	OP	Strong Habanero aroma; good plant cover
Congo Trinidad	Tomato Growers Supply	Habanero	late	green	red	4.6	4.5	7	54	68	2.0	1	6	4	OP	Good aroma
Habanada	Cornell	mild Habanero	medium late	green	red	5.1	4.3	2	54	68	3.0	1	7	7	OP	Not strongly aromatic; thicker flesh than most Habanero types

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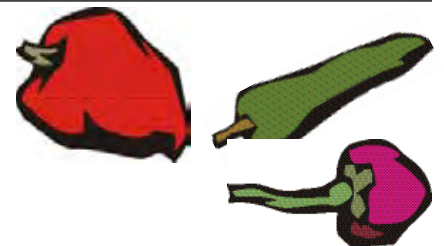
²Scores based on 1–9 with 9 = most pungent

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⁶Checking refers to cracks in the skin; the placenta is the interior part of the fruit to which the seeds are attached.



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
TAM Mild Habanero	Kevin Crosby (Texas A&M Univ.)	mild Habanero	medium	green	yellow	5.2	2.8	2	57	66	2.0	1	8	9	OP	Very good leaf cover
Trinidad Perfume	Tomato Growers Supply	mild Habanero	medium late	green	yellow	5.0	2.9	2	65	74	2.5	1	4	3		Excellent aroma with mild flavor; early for a Habanero
Stoked	Harris	Hot Wax	medium early	waxy yellow	red	15.2	3.2	8	49	60	4.0	1	7	7	F1	Good flavor
Cheese	Jim Myers (OSU)	Italian Cheese	medium	green	red	4.8	7.7	2	44	43	4.0	1	5	7	OP	Good, sweet flavor with some heat
Tennessee Cheese	Territorial	Italian Cheese	medium	green	red	5.5	6.2	1	46	48	7.0	1	7	7	OP	More of a pimiento shape; good flavor; good, uniform color
Bounty	Tomato Growers Supply	Italian Sweet	early	waxy yellow	red	18.5	4.0	1	42	41	4	2	6	6	F1	
Carmen	Johnny's	Italian Sweet	medium early	green	red	16.7	5.5	1	48	53	4.5	3	7	8	F1	Good, sweet flavor
Corno de Toro Yellow	Tomato Growers Supply	Italian Sweet	medium late	green	yellow	17.2	4.9	1	48	37	4.0	1	5	6	OP	
Italian Sweet	Territorial	Italian Sweet	medium	green	deep red	18.0	6.1	1	34	43	4.0	1	7	8	OP	Good, very sweet flavor
Black Hungarian	Territorial	Jalapeño	medium late	dark purple	dark red	7.2	2.6	5	78	68	3.5	1	5	7	OP	Nice flavor; attractive fruit
Caldero	Orsetti	Jalapeño	medium late	waxy yellow	red	7.0	2.9	6	58	76	3.0	1	7	4	F1	
Conchos	Orsetti	Jalapeño	medium early	green	red	9.3	2.8	5	50	57	5.5	7	8	7	F1	Checking
Early Jalapeño	Nichols	Jalapeño	medium early	green	red	6.8	2.7	5	50	40	4.0	1	7	5	OP	
El Jefe	Johnny's	Jalapeño	late	green	red	8.3	2.0	5	76	57	4.0	1	7	5	F1	Smooth fruit
Fresno	Seeds of Change	Jalapeño	medium early	green	deep red	7.7	2.4	2	55	49	2.0	1	7	6	OP	Good flavor

¹Transplants set out May 31.

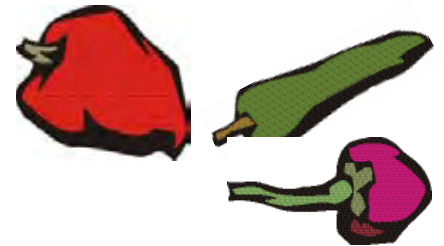
²Scores based on 1–9 with 9 = most pungent

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

⁴Scores based on 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 must be isolated if seed is to be saved).

⁶Checking refers to cracks in the skin; the placenta is the interior part of the fruit to which the seeds are attached.



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
Grande	Tomato Growers Supply	Jalapeño	medium late	green	red	10.2	2.5	7	61	56	4.0	1	7	4	F1	
Jalapeño M	Harris	Jalapeño	medium late	green	red	8.2	3.0	6	67	68	4.0	1	6	4	OP	
Jaloro	Tomato Growers Supply	Jalapeño	medium late	waxy yellow	orange-red	7.1	2.9	3	27	62	4.0	1	9	7	OP	Plants are lodging because of heavy yield
Pizza	OSU	sweet Jalapeño	late	green	red	8.1	4.0	1	47	45	8.0	2	7	7	OP	Good flavor with a little heat; very thick walls
Aruba	Syngenta	Lamuyo	medium late	green	red	17.0	5.6	1	64	61	4.0	3	6	5	F1	
Lamuyo	Danson	Lamuyo	medium late	green	red	15.5	7.0	1	56	72	9.0	1	7	4	F1	
Golden Marconi	Tomato Growers Supply	Lamuyo	medium early	green	yellow	15.4	4.3	1	51	58	4.0	4	7	6	OP	
Española	NMSU	Mexican Chili	medium early	green	red	8.7	3.0	5	39	51	2.0	1	6	5	OP	Sweet flesh but heat in placenta
Black Pearl	PanAmerican	ornamental	medium late	black-purple	dark red	1.8	2.0	7	71	30	1.5	1	7	7	F1	Attractive fruit held erect
Marbles	OSU	ornamental	medium early	light yellow	red	1.8	1.8	7	32	47	1.0	1	7	7	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	medium early	waxy yellow	red	12.0	1.8	8	12	18	1.0	1	6	5	F1	Plants did not establish well; very stunted

¹Transplants set out May 31.

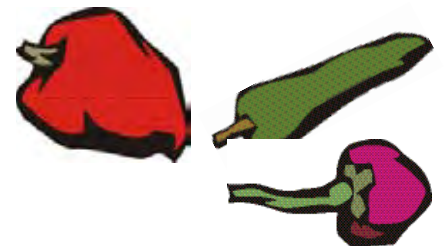
²Scores based on 1–9 with 9 = most pungent

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

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⁶Checking refers to cracks in the skin; the placenta is the interior part of the fruit to which the seeds are attached.



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
Riot	OSU	ornamental	medium early	light yellow	red	6.4	0.9	7	34	31	1.0	1	7	7	OP	Erect clusters of small, conical fruit; ripens purple to yellow to bright red
Sweet Pickle	Tomato Growers Supply	ornamental	medium early	purple	red	7.4	1.9	1	38	36	2.0	1	8	7	OP	Attractive fruit held erect
Tangerine Dream	Burpee	ornamental	medium early	green	orange	9.1	3.0	1	34	47	5.0	1	9	5	OP	Erect fruit
Alma Paprika	Territorial	Paprika	medium late	waxy yellow	red	5.2	5.6	1	65	26	8.0	1	6	6	OP	
Paprika Supreme	Nichols	Paprika	medium early	green	deep red	14.5	3.0	1	46	82	3.0	1	6	8	F1	
Mariachi	Harris	Paprika	medium early	waxy yellow	red	10.0	4.3	1	35	55	4.5	1	8	8	F1	
Pimiento L	Seeds of Change	Pimiento	medium	green	red	8.9	5.6	1	43	45	7.0	1	8	6	OP	Flavor somewhat acidic
SP-04-25	D. Palmer	Pimiento	medium early	waxy yellow	red	5.2	6.6	1	40	49	9.0	1	7	9	F1	
Bulgarian Carrot	Territorial	specialty	early	green	orange	7.9	1.6	7	42	32	3.0	1	7	8	OP	Upright plant; flavor is sweet but moderately hot
Fish	Territorial	specialty	medium late	green	red	6.0	1.5	3	55	76	1.5	1	6	6	OP	Good flavor
Red Mushroom	Territorial	specialty	medium	light green	red	5.0	5.5	7	45	46	3.0	1	5	5	OP	Attractive, erect fruit; variable fruit shape and size

¹Transplants set out May 31.

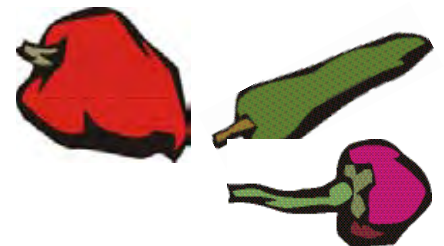
²Scores based on 1–9 with 9 = most pungent

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

⁴Scores based on 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 must be isolated if seed is to be saved).

⁶Checking refers to cracks in the skin; the placenta is the interior part of the fruit to which the seeds are attached.



Potatoes¹

Variety	Source	Maturity	Number per Hill ²	Weight per Hill (lb) ²	Number New Potatoes per Hill 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	early	13.5	4.26	2.0	10.9	6.9	5.7	brown russet	white	oval	3	1	0	6	Russetted skin; productive; some variation in shape
Carola	Territorial	early	5.9	2.59	7.3	9.5	5.7	5.5	gold	yellow	oval	1	2	2	7	Variable size and shape
French Fingerling	Johnny's	medium	4.3	1.32	16.5	11.5	5.2	4.8	rose	pale yellow with rose blotches	very elongate fingerling	2	1	1	8	Fewer knobby and misshapen tubers than other fingerlings
Gilroy	Nichols	medium	1.6	0.46	6.3	6.0	4.7	4.0	tan	white	oval	2	5	0	3	Low yield; grown from true seed
Mindy	Nichols	late	8.0	1.36	1.2	8.0	7.0	5.5	tan	white	round	3	7	0	3	Grown from true seed
Purple Peruvian	Seeds of Change	late	15.9	2.81	28.8	10.4	4.1	4.0	purple	dark purple	elongate	5	1	0	7	Very productive
Red Cloud	Territorial	early	4.7	1.77	5.9	9.0	7.1	5.5	red	white	almost round	5	5	60	3	
Red Sangre	Seeds of Change	medium	6.0	1.97	4.0	10.1	7.0	4.9	red	white	almost round	5	7	5	5	Nice potato but heavy scab
Rose Finn Apple	Territorial	late	6.2	1.72	4.6	12.0	3.9	3.9	rosy tan	yellow	fingerling	3	1	2	5	Highly variable shape
Ruby Crescent	Seeds of Change	medium	11.3	2.70	6.0	14.0	4.0	4.5	rosy tan	yellow	fingerling	3	2	0	3	
Russian Banana	Territorial	medium	10.1	1.70	9.5	12.0	4.0	4.4	gold	yellow	fingerling	3	3	0	7	Many knobby and misshapen tubers
Zolushka	Nichols	late	5.5	1.33	12.3	8.2	6.0	5.6	tan	white	oval	1	5	1	4	Variable size with many small tubers; rough shape; grown from true seed

¹Planted April 25 (seedlings planted May 30) in hills spaced 1' apart.

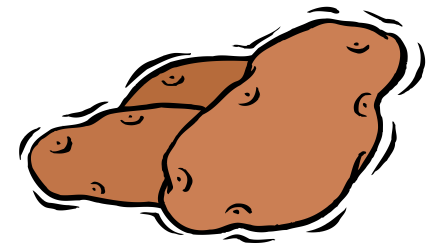
²Average; number of hills varied by variety from 4 to 25; very small ("new") tubers were not included in first two columns.

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 not known.



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
Musque de Provence	Johnny's	<i>Cucurbita moschata</i>	cheese pumpkin	medium late	21.0	35.0	dark green	3	7	vine	2	5	OP	
Dill's Atlantic Giant	Nichols	<i>Cucurbita maxima</i>	giant pumpkin	late	44.0	46.0	pink-orange	8	8	vine	5	5	OP	
Full Moon	Harris	<i>Cucurbita maxima</i>	giant pumpkin	late	55.0	53.0	cream	7	8	vine	5	4	OP	
18 Karat Gold	Rupp	<i>Cucurbita pepo</i>	jack-o-lantern	medium	30.0	29.5	deep orange	5	7	vine	7	5	F1	Long, large handles
Charisma	Johnny's	<i>Cucurbita pepo</i>	jack-o-lantern	medium	26.5	27.5	deep orange	5	8	vine	3	7	F1	Good handles; easy carving
Gladiator	Harris	<i>Cucurbita pepo</i>	jack-o-lantern	medium late	29.0	34.0	orange	6	6	semi-bush	5	6	F1	Uniform size, shape, and color
Gold Challenger	Rupp	<i>Cucurbita pepo</i>	jack-o-lantern	medium	29.0	29.5	deep orange	3	8	vine	7	5	F1	Large handles
Gold Gem	Rupp	<i>Cucurbita pepo</i>	jack-o-lantern	medium early	37.0	30.0	orange	8	8	vine	8	8	F1	High yield; nice shape; long, large handles
Howden Biggie	Johnny's	<i>Cucurbita pepo</i>	jack-o-lantern	medium	34.0	35.0	orange	4	7	vine	7	5	OP	Excellent carving pumpkin
Jackpot	Harris	<i>Cucurbita pepo</i>	jack-o-lantern	early	27.5	32.0	orange	7	7	bush	9	7	F1	Very nice shape
Magic Lantern	Harris Moran	<i>Cucurbita pepo</i>	jack-o-lantern	medium	26.0	29.0	deep orange	8	6	semi-vine	9	6	F1	
Magician	Harris Moran	<i>Cucurbita pepo</i>	jack-o-lantern	medium	27.0	28.0	orange	9	5	semi-vine	8	8	F1	
Super Herc	Harris	<i>Cucurbita maxima</i>	jack-o-lantern	medium early	31.0	33.0	orange	7	6	semi-vine	9	7	F1	
Wolf	Johnny's	<i>Cucurbita pepo</i>	jack-o-lantern	medium	25.0	29.5	deep orange	3	7	vine	5	3	OP	Very large handles; fruit rotting in field
Cannon Ball	Harris	<i>Cucurbita pepo</i>	hard shell jack-o-lantern	medium early	15.0	16.5	deep orange	4	5	bush	5	5	F1	Smooth, hard rind; large handles
Cotton Candy	Rupp	<i>Cucurbita pepo</i>	small jack-o-lantern	medium	17.5	20.5	cream	7	7	vine	7	7	F1	Good jack-o-lantern shape
Prankster	Rupp	<i>Cucurbita pepo</i>	pie /jack-o-lantern	medium	15.0	19.0	deep orange	8	5	semi-vine	7	8	F1	High yield; nice handles
Young's Beauty	Seeds of Change	<i>Cucurbita pepo</i>	pie /jack-o-lantern	medium	22.0	24.5	orange	7	5	vine	7	6	OP	Small, light-green handles

¹Direct seeded June 9 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
Baby Boo	Territorial	<i>Cucurbita pepo</i>	mini ornamental pumpkin	medium early	4.5	7.0	white	7	7	vine	9	6	F1	Oblate with heavy ribs
Gold Dust	Rupp	<i>Cucurbita pepo</i>	mini ornamental pumpkin	early	6.5	12.5	orange	7	5	bush	9	4	F1	Oblate with heavy ribs
Hooligan	Harris	<i>Cucurbita pepo</i>	mini ornamental pumpkin	early	7.5	8.5	white with yellow stripes	6	4	vine	9	5	F1	
Jack Be Little	Territorial	<i>Cucurbita pepo</i>	mini ornamental pumpkin	medium early	5.5	9.5	orange	8	5	vine	9	5	OP	Oblate with heavy ribs
Corsican	Johnny's	<i>Lagynaria sicereria</i>	oblate bottle gourd	medium	10.5	18.0	green	3	7	vine	3	5	OP	Bowl shape
Large Bottle	Nichols	<i>Lagynaria sicereria</i>	bottle gourd	late	32.0	14.0	pale green	3	7	vine	9	3	OP	Pear to barbell shape
Miniature Bottle	Nichols	<i>Lagynaria sicereria</i>	bottle gourd	medium late	12.0	6.5	green	3	7	vine	9	5	OP	Pear to barbell shape
Aladdin	Henry Field's	<i>Cucurbita maxima</i>	ornamental gourd	medium early	10.5	15.0	red-orange with white ovary	9	9	vine	8	7	OP	Small Turk's Turban type; good color with small, white, protruding ovaries that lack striping; hard rind
Goblin Eggs	Henry Field's	<i>Cucurbita pepo</i>	ornamental gourd	early	11.0	6.0	mix	6	7	vine	9	5	OP	Mix of red-orange, white, and green; some interesting shapes
Harrowsmith Select	Johnny's	<i>Cucurbita pepo</i>	ornamental gourd	medium	11.0–17.0	6.0–16.0	mix	9	7	vine	9	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	10.0	7.5	mix	7	7	vine	8	5	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 early	8.0	13.5	orange with white ovary	7	8	vine	7	5	OP	Hard rind
Turk's Turban	Harris	<i>Cucurbita maxima</i>	ornamental gourd	medium early	15.0	26.0	multi	5	8	vine	9	5	OP	Red-orange with green, orange, and white-striped protruding ovary; hard rind

¹Direct seeded June 9 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.



Squash, Summer¹

Variety	Source	Type	Plant Height (cm)	Plant Width (cm)	Plant Habit ²	Fruit Curve ³	Fruit Color	Fruit Length (cm)	Fruit Width (cm)	Rind Thickness (mm)	Fruit Uniformity ⁴	Overall Score ⁴	Cultivar Type ⁵	Notes
Contender	Syngenta	zucchini	40	100	2	2	dark green	19.5	4.5	1.0	7	7	F1	
Noche	Syngenta	zucchini	45	100	3	2	green	19.5	4.5	1.0	7	7	F1	
Obsidian	D. Palmer	zucchini	60	135	5	2	dark green	19.4	4.1	1.0	9	8	F1	
Prestige	Harris Moran	zucchini	45	100	4	2	green	18.0	4.0	1.5	8	8	F1	Very early
Romulus	Territorial	zucchini	64	131	4	3	medium green	15.9	4.5	1.5	5	5	F1	Highly dissected leaves
Sungreen	Territorial	zucchini	51	116	5	2	green	19.2	4.7	1.5	6	6	F1	
Black Ball	D. Palmer	round zucchini	70	90	5	—	dark green	8.6	9.0	2.0	7	6	F1	
Floridor	Johnny's	round zucchini	50	90	3	—	yellow	7.8	7.4	2.0	7	7	F1	Early
Geode	Johnny's	round zucchini	65	90	4	—	light green	6.0	6.7	1.0	6	6	F1	Early
HRZ-04-865	D. Palmer	round zucchini	72	118	7	—	yellow	8.9	8.8	9.0	5	6	F1	Green shoulder
One Ball	Hollar	round zucchini	60	100	6	—	yellow	6.7	6.5	6.0	5	5	F1	Some fruit are striped
Butterstick	Territorial	yellow zucchini	70	120	8	2	golden yellow	18.0	4.3	2.0	8	8	F1	
Golden Dawn II	Syngenta	yellow zucchini	70	126	2	1	golden yellow	23.6	5.7	9.0	7	9	F1	
Golden Girl	D. Palmer	yellow zucchini	50	80	2	1	golden yellow	18.5	5.0	7.0	5	7	F1	Low yield; long, straight fruit
Sebring	Johnny's	yellow zucchini	35	50	4	1	golden yellow	16.0	5.7	2.0	5	5	F1	Very early
Fortune	Syngenta	yellow straight neck	82	151	9	2	yellow	14.7	4.2	3.0	7	4	F1	High yield; short vine type
Lemondrop	Seminis	yellow straight neck	70	110	8	2	pale yellow	17.5	4.7	2.0	6	6	F1	
Success	Territorial	yellow straight neck	80	127	9	2	yellow	17.5	5.9	3.0	7	7	OP	Heavy yield; short vine type; heavy foliage
Daisy Mae	D. Palmer	yellow crookneck	60	131	8	9	yellow	13.8	6.2	1.5	5	5	F1	
Dixie	Seminis	yellow crookneck	60	110	8	8	yellow	18.0	5.8	3.0	8	7	F1	

¹Direct seeded July 5.

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.

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.



Squash, Summer¹

Variety	Source	Type	Plant Height (cm)	Plant Width (cm)	Plant Habit ²	Fruit Curve ³	Fruit Color	Fruit Length (cm)	Fruit Width (cm)	Rind Thickness (mm)	Fruit Uniformity ⁴	Overall Score ⁴	Cultivar Type ⁵	Notes
HSS-05-880	D. Palmer	yellow crookneck	70	120	7	8	yellow/bicolor	17.0	4.5	2.0	4	6	F1	Variable fruit type; some are bicolor, some are straight necked; heavy yield
Sunglo	Syngenta	yellow crookneck	60	90	7	9	pale yellow	14.0	4.0	1.0	4	6	F1	
Butter Scallop	Syngenta	scallop	70	133	3	—	pale yellow	5.2	10.8	2.5	7	6	F1	
Starship	Syngenta	scallop	69	142	5	—	dark green	4.2	9.0	2.0	5	5	F1	
Caserta	Seeds of Change	specialty	55	90	6	2	light green with dark stripes	13.0	4.0	2.0	7	7	OP	Very early; many double fruit
Cocozele	Seeds of Change	specialty	75	50	9	3	light green with dark stripes	19.2	4.4	1.0	1	3	OP	Highly variable for both fruit and plant type
Lebanese Marrow	Baker Creek	specialty	72	117	8	1	pale green with white flecks	13.7	5.6	1.5	7	5	OP	Pear shaped
Tromboncino	Nichols	specialty (<i>Cucurbita moschata</i>)	59	90	vine	9+	light green with cream stripes	22.2	2.8	2.0	5	7	OP	

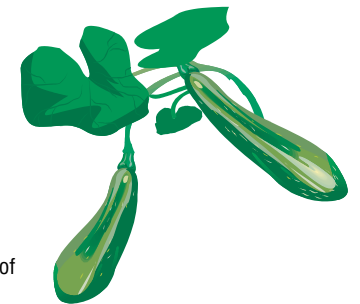
¹Direct seeded July 5.

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).

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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.



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
Celebration	Rupp	<i>Cucurbita pepo</i>	Acorn	medium	12.0	12.0	tan/green bicolor with green and yellow stripes	pale yellow	5	5	bush	7	6	F1	
Harlequin	Rupp	<i>Cucurbita pepo</i>	Acorn	medium early	9.5	11.0	tan with green and yellow stripes	pale yellow	5	6	bush	9	7	F1	
OSU 19	OSU	<i>Cucurbita pepo</i>	Acorn	medium early	10.0	10.5	tan with green stripes	yellow	7	5	vine	8	7	OP	Very thick wall; very dense flesh
Royal Ace	Harris	<i>Cucurbita pepo</i>	Acorn	medium late	12.5	12.0	dark green	yellow	6	7	bush	5	7	F1	
Table Queen	Nichols	<i>Cucurbita pepo</i>	Acorn	medium early	15.0	8.0	dark green	yellow	4	5	bush	9	4	OP	Small, narrow fruit
Table Star	Rupp	<i>Cucurbita pepo</i>	Acorn	medium early	11.0	12.0	dark green	pale orange	5	5	bush	9	5	F1	
Table Treat	Rupp	<i>Cucurbita pepo</i>	Acorn	medium early	14.0	13.0	dark green	pale orange	5	5	bush	9	5	F1	
White Cloud	Rupp	<i>Cucurbita pepo</i>	Acorn	medium early	13.5	12.0	cream with green stripes	pale yellow	8	5	bush	9	7	F1	
Autumn Cup	Harris	<i>Cucurbita maxima</i>	Buttercup	medium	20.0	14.0	dark green	bright yellow-orange	7	7	semi-bush	5	8	F1	
Bonbon	Johnny's	<i>Cucurbita maxima</i>	Buttercup	medium	14.5	19.0	dark green with blue-green ovary	yellow orange	6	7	vine	5	7	F1	
Bugle	Rupp	<i>Cucurbita moschata</i>	Butternut	medium late	18.5	10.5	tan	yellow-orange	5	7	vine	3	5	F1	
JWS 6823	Johnny's	<i>Cucurbita moschata</i>	Butternut	medium	22.0	9.5	tan	orange	7	7	vine	3	7	F1	
Long Island Cheese	Territorial	<i>Cucurbita moschata</i>	Cheese	medium late	15.0	28.5	light pink	orange	5	8	vine	2	5	OP	
Orange Striped Cushaw	Baker Creek	<i>Cucurbita argyrosperma</i>	Cushaw	late	44.0	19.7	white with yellow stripes	cream	4	5	vine	5	3	OP	Large, pear-shaped fruit
Bush Delicata	Rupp	<i>Cucurbita pepo</i>	Delicata	medium early	19.0	8.0	cream with green stripes	pale orange	7	6	bush	8	7	OP	

¹Direct seeded June 9 in 60" rows.

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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
Cornell's Bush Delicata	Nichols	<i>Cucurbita pepo</i>	Delicata	medium early	21.5	7.0	cream with green stripes	pale orange	6	7	bush	9	6	OP	
Delicata	Rupp	<i>Cucurbita pepo</i>	Delicata	early	18.0	7.0	pale yellow with green or yellow stripes	pale yellow	5	4	vine	9	4	OP	Segregating for stripe color
Delicata	Seeds of Change	<i>Cucurbita pepo</i>	Delicata	early	22.5	10.5	cream with green stripes	pale yellow	8	7	vine	9	8	OP	Largest fruit of all the Delicata types
Honey Boat	OSU	<i>Cucurbita pepo</i>	Delicata	early	18.0	8.0	tan with green stripes	orange	7	6	vine	9	7	OP	Uniform long, cylindrical shape; thick wall; dense flesh; excellent quality
Honey Boat	Seeds of Change	<i>Cucurbita pepo</i>	Delicata	medium	18.0	8.0	tan with green stripes	orange	7	7	vine	9	7	OP	Larger, more vigorous plants but later than OSU seed; contains one yellow crookneck off-type
Sugar Loaf	OSU	<i>Cucurbita pepo</i>	Delicata	early	14.0	10.0	tan with green stripes	orange	8	8	vine	9	8	OP	Uniform, blocky shape; thick wall; dense flesh; excellent quality
Zeppelin	Wild Garden	<i>Cucurbita pepo</i>	Delicata	early	20.5	7.0	pale yellow with green stripes	pale orange	5	5	vine	9	5	OP	
Chicago Warty Hubbard	Baker Creek	<i>Cucurbita maxima</i>	Hubbard	late	36.0	32.5	dark green	yellow-green	3	9	vine	5	5	OP	
Delicious Golden	Rupp	<i>Cucurbita maxima</i>	Hubbard	medium late	23.0	26.0	red-orange	dark orange	7	9	vine	5	7	OP	
NK 580	Rupp	<i>Cucurbita maxima</i>	Hubbard	medium	25.0	37.0	orange	dark orange	4	8	vine	8	5	F1	Good flavor
RH 1232	Rupp	<i>Cucurbita maxima</i>	Hubbard	medium	22.5	32.0	dark pink with orange mottle	dark orange	5	7	vine	9	5	F1	Attractive fruit with very good flesh color; soft rind

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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
HWZ-04-873	D. Palmer	<i>Cucurbita maxima</i>	Jarrahdale	late	22.5	32.0	blue-gray	dark orange	6	9	vine	3	5	F1	
Eclipse	Rupp	<i>Cucurbita maxima</i>	Kabocha	medium	11.5	19.5	dark green	yellow with green tinge	6	7	vine	7	7	F1	Excellent quality
Hokkaido Stella Blue	Seeds of Change	<i>Cucurbita maxima</i>	Kabocha	medium late	12.0	21.0	blue-gray	pale yellow	7	9	vine	5	7	OP	
Sun Spot	Rupp	<i>Cucurbita maxima</i>	Kabocha	medium early	11.0	15.0	orange	yellow-green	7	7	vine	9	7	F1	
Thunder	Rupp	<i>Cucurbita maxima</i>	Kabocha	medium	12.5	17.5	dark green	yellow with green tinge	5	7	vine	3	6	F1	
Uchibi Kuri	Rupp	<i>Cucurbita maxima</i>	Kabocha	medium early	17.5	17.0	red-orange	dark orange	7	8	vine	7	7	F1	
Pasta	Seminis	<i>Cucurbita pepo</i>	Spaghetti	medium early	20.0	15.0	pale yellow	cream	5	7	vine	9	7	F1	
Stripetti	Hollar	<i>Cucurbita pepo</i>	Spaghetti	medium late	25.5	15.0	pale yellow with dark green stripes	cream	8	5	vine	8	7	F1	
Futsu Black	Territorial	<i>Cucurbita moschata</i>	specialty	late	14.0	16.5	dark green	pale yellow-orange	5	7	vine	3	5	OP	

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Tomatillos¹

Variety	Source	Type	Fruit Color	Fruit Length (cm)	Fruit Width (cm)	Plant Height (cm)	Plant Vigor ²	Disease ³	Overall Score ⁴	Cultivar Type ⁵	Notes
Aunt Molly's	Territorial	ground cherry	yellow	1.6	1.6	60.0	5	9	3	PL	Heavy spider mite infestation
Goldie	Johnny's	ground cherry	yellow	1.3	1.5	35.5	7	7	7	PL	
Green	Nichols	tomatillo	green with purple blush	4.5	5.1	38.0	8	3	5	PL	Contains purple mix; green fruit very large
Mexican Strain	Territorial	tomatillo	cream	2.9	4.0	48.5	9	3	8	PL	Relatively early; very good yield
Purple	Territorial	tomatillo	purple	3.2	4.3	53.5	7	1	7	PL	Skin is purple; interior is cream
Purple de Milpa	Seeds of Change	tomatillo	purple	3.0	3.4	76.0	5	7	5	PL	Purple skin only; interior is green
Tomatillo	Rupp	tomatillo	cream	4.3	4.6	25.5	5	5	7	PL	Large fruit; good yield
Tomatillo de Milpa	Johnny's	tomatillo	purple	3.0	3.4	45.5	7	2	8	PL	Purple skin only; interior is green
Tomatillo Verde	Seeds of Change	tomatillo	light green	4.1	4.9	33.0	5	3	5	PL	

¹Transplants set out May 31.

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

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

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

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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
Gold Nugget	OSU	cherry	very early	D	GS	2.9	2.8	yellow-gold	6	1	7	9	5	7	PL	Extremely productive with very concentrated set; strong tendency for seedless fruit; sweet flavor with low acid
Golden Sweet	Johnny's	cherry	medium early	I	GS	3.8	2.7	yellow	7	1	6	3	6	6	F1	Sweet flavor with low acid; yellow grape type
ICT-00-1	D. Palmer	cherry	early	I	GS	3.0	2.1	red	5	1	4	3	7	6	F1	Firm, shiny fruit; sweet flavor; grape type
ICT-06-239	D. Palmer	cherry	late	I	GS	3.5	2.5	red	8	1	7	5	7	7	PL	Concentric cracking
Large German Cherry	OSU	large cherry	early	I	GS	4.0	4.3	red	6	4	6	5	8	7	PL	Large fruit clusters; flavor sweet and mildly acid
Oregon Cherry	OSU	cherry	early	D	GS	3.6	3.4	red	5	1	7	8	3	6	PL	Compact plant; early, concentrated yield
Peacevine	Sow Organic	cherry	early	I	UR	2.5	2.5	red and yellow	4	1	5	3	7	6	PL	Moderately acid flavor; includes both red and yellow fruit
Snow White	Territorial	cherry	late	I	GS	3.2	3.1	pale yellow	2	7	5	1	5	5	PL	Mild, sweet flavor
Sugar Baby	Tomato Growers Supply	cherry	early	I	GS	4.3	4.2	red	6	3	7	3	5	5	F1	
Sugary	Known-You	cherry	early	SD	GS	4.0	2.5	pink	5	1	6	6	6	6	F1	Plum shaped; sweet, moderately acid flavor
Sungold	Territorial	cherry	early	I	GS	2.4	2.6	yellow-gold	6	1	5	4	9	7	F1	Excellent, sweet, moderately acid flavor

¹Transplants set out May 31 in 60" rows with 24" between plants. Peacevine and ORLST Giant Red were planted in a separate organic trial on the Lewis Brown Farm (Corvallis) and were set out June 14.

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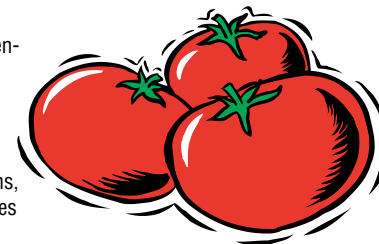
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⁹Multilocular tomatoes have more than the usual three or four locules (internal chambers); radial cracking refers to cracks on the shoulder of the fruit that start at the core and are perpendicular to the ground—they are often deep and can seriously 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; blossom end rot is a non-pathogenic condition caused by a calcium deficiency aggravated by fluctuating soil moisture conditions, which causes the blossom end of the fruit to turn brown and appear to have "rotted"; late blight (*Phytophthora infestans*) is a fungal disease usually occurring in the fall as temperatures become cooler and wetter, causing purple-to-black splotches on stems and fruit. Segregating means that the population contains genetically distinct types with varying shapes.



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	Seminis	cherry	early	I	GS	2.2	3.1	red	5	1	6	5	8	7	F1	Very good, sweet flavor
Yellow Pear	Nichols	pear	mid season	I	GS	3.0	2.5	yellow	4	1	4	3	4	4	PL	
Black Plum	Territorial	small plum	early	I	GS	4.5	3.1	dark red-brown	8	1	6	3	7	7	PL	Good flavor
Banana Legs	Tomato Growers Supply	paste	mid season	I	UR	8.0	4.0	yellow striped	2	5	7	7	2	3	PL	
Classica	Tomato Growers Supply	paste	late	D	UR	9.0	5.0	red	5	2	7	7	5	6	F1	
Goldmine	Peter's	paste	late	D	UR	9.0	5.0	yellow	2	2	7	9	3	4	PL	Bland flavor; blossom end rot
Halley 3155	Victory	paste	late	D	UR	7.0	6.2	red	7	2	8	8	3	7	F1	
ICT-05-223	D. Palmer	paste	early	I	UR	6.8	4.0	red	5	1	8	7	4	7	F1	
Lisadette	D. Palmer	small paste	medium early	I	GS	4.7	3.1	red	8	1	4	1	7	7	F1	
Oregon Pride	OSU	paste/slicer	early	D	UR	8.0	7.0	red	5	1	7	8	4	5	PL	Similar to Oregon Star; slightly earlier and slightly smaller
Oregon Star	OSU	paste/slicer	early	D	UR	10.0	8.0	red	5	1	7	8	4	5	PL	Large, pear shape; multilocular firm fruit; long keeping; strong tendency for seedless fruit
Oroma	OSU	paste	mid season	D	UR	8.2	4.0	red	4	1	7	9	4	7	PL	Concentrated yield of firm, long-keeping fruit; sparsely seedy; classic Roma shape; blossom end rot
Puebla	Harris	paste	late	D	UR	8.0	4.7	red	7	2	7	7	5	6	F1	

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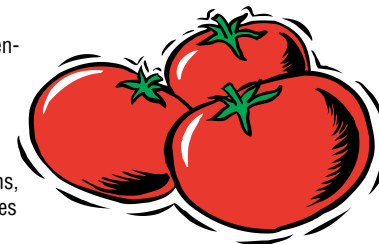
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Roma	Nichols	paste	late	D	UR	6.7	5.7	red	7	1	7	3	3	6	PL	Firm fruit; bland flavor
Roproco Paste	Seeds of Change	paste	mid season	SD	UR	7.3	4.2	red	3	5	7	5	4	5	PL	Firm, meaty fruit
San Marzano	Seeds of Change	paste	late	I	GS	7.5	3.5	red	8	2	6	4	5	5	PL	Firm fruit; bland flavor
Saucy	OSU	paste	medium early	D	UR	6.0	5.5	red	6	1	9	9	3	8	PL	Concentrated yield of long-keeping fruit; thick walls; good flavor
Beaver Lodge 6806 Plum	Territorial	salad	early	D	UR	6.0	4.9	red	2	3	8	9	2	5	PL	
Beginner	Peter's	salad	early	D	UR	4.5	6.4	red	2	7	7	9	3	3	PL	Thick skin; variable fruit size
Dwarf Champion Improved	Victory	salad	late	I	GS	4.7	6.7	pink	5	3	3	2	5	4	PL	
Early Wonder	Tomato Growers Supply	salad	mid season	D	UR	4.8	6.0	pink	8	1	6	4	3	4	PL	Variable leaf type and fruit size
Forest Fire	Peter's	salad	early	D	UR	4.0	4.9	red	1	4	5	7	5	4	PL	Irregular fruit shape
Fourth of July	Burpee	salad	early	I	GS	4.5	5.0	red	5	1	5	4	7	7	F1	
Golden Bison	Victory	salad	early	I	GS	4.2	5.3	golden-yellow	4	2	6	4	5	5	PL	
ICT 05-222Y	D. Palmer	salad	late	D	GS	6.3	4.0	red	5	2	7	4	4	4	F1	
IPB	OSU	salad	early	I	GS	4.2	4.4	red	2	1	3	5	7	6	PL	Thick skin; pleasant flavor
New Yorker	Harris Moran	salad	mid season	D	UR	5.0	6.0	red	3	3	7	8	5	6	PL	

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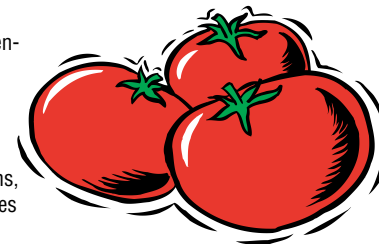
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Oregon 11	OSU	small salad	very early	D	GS	3.2	4.4	red	2	1	5	6	7	4	PL	Very early; strongly seedless; exposed fruit; concentric cracking
Polar Gem	Peter's	salad	early	D	GS	5.0	5.5	red	2	7	6	7	3	3	PL	Irregular fruit shape
Stupice	Territorial	salad	early	I	GS	4.5	4.7	red	3	1	3	3	5	5	PL	Soft fruit
Tiger-like	Territorial	salad	mid season	I	UR	4.7	4.9	red with yellow and green stripes	6	1	3	3	5	5	PL	Juicy with mild flavor
Ananas Noire	Territorial	slicer	very late	I	GS	9.7	6.5	green with red and yellow blush	3	6	4	2	6	3	PL	
Beaver Lodge 6808 Slicer	Territorial	slicer	early	D	UR	4.0	5.3	red	3	5	8	8	3	4	PL	Uneven ripening
BHN 359	BHN	slicer	late	D	UR	6.8	8.1	red	6	3	8	8	3	5	F1	Firm fruit
BHN 444	BHN	slicer	late	D	UR	6.4	8.2	red	5	3	7	7	3	5	F1	Firm fruit
Big Beef	Territorial	slicer	late	I	UR	7.5	8.3	red	4	4	7	5	4	7	F1	
Black From Tulsa	Seed Savers Exchange	slicer	mid season	I	GS	5.0	7.0	dark red-brown	4	2	4	3	4	3	PL	
Black Krim	Seed Savers Exchange	slicer	late	I	GS	6.3	9.2	dark pink	3	7	4	2	4	3	PL	
Brandywine	Burpee	slicer	late	I	GS	6.6	10.2	pink	6	2	5	3	5	5	PL	
Brandywine	Seeds of Change	slicer	late	I	GS	4.5	12.0	pink	7	1	5	3	7	8	PL	Good, acid flavor

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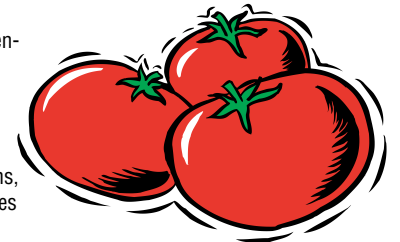
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⁹Multilocular tomatoes have more than the usual three or four locules (internal chambers); radial cracking refers to cracks on the shoulder of the fruit that start at the core and are perpendicular to the ground—they are often deep and can seriously 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; blossom end rot is a non-pathogenic condition caused by a calcium deficiency aggravated by fluctuating soil moisture conditions, which causes the blossom end of the fruit to turn brown and appear to have "rotted"; late blight (*Phytophthora infestans*) is a fungal disease usually occurring in the fall as temperatures become cooler and wetter, causing purple-to-black splotches on stems and fruit. Segregating means that the population contains genetically distinct types with varying shapes.



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
Brandywine Sudduth Strain	Victory	slicer	late	I	GS	5.5	10.7	pink	7	1	5	2	7	7	PL	Good, acid flavor
Burbank Slicing	Territorial	slicer	late	D	UR	5.5	6.5	red	3	2	6	7	4	4	PL	
Cherokee Chocolate	Victory	slicer	late	I	GS	6.2	9.5	bronze	3	5	3	1	7	3	PL	
Cherokee Purple	Territorial	slicer	late	I	GS	8.9	5.8	bronzy-black	3	7	5	2	5	5	PL	Mild blossom end rot
Crimson Sprinter	Seeds of Change	slicer	mid season	I	UR	6.0	6.7	red	3	1	3	2	4	4	PL	
Crista	Harris	slicer	late	D	UR	6.6	8.2	red	6	3	7	8	5	6	F1	Firm fruit
Dafel	Johnny's	slicer	late	I	GS	5.4	6.3	red	6	1	4	2	6	5	F1	Firm fruit with good, acid flavor
Daybreak	Tomato Growers Supply	slicer	mid season	D	GS	6.8	7.0	red	7	2	8	7	7	7	F1	
Fireworks II	Peter's	slicer	mid season	D	UR	6.0	6.4	red	3	5	7	7	3	4	PL	
German Orange Strawberry	Victory	slicer	late	I	GS	5.5	8.0	red	6	4	6	3	6	5	PL	
Gill's All Purpose	Territorial	slicer	mid season	D	GS	6.0	6.0	red	4	1	7	4	6	6	PL	
Glamour	Harris	slicer	mid season	D	UR	6.0	9.2	red	4	2	6	4	3	5	PL	
Golden Girl	Tomato Growers Supply	slicer	medium late	D	UR	7.0	8.6	orange	5	5	6	5	5	5	F1	Blossom end rot
Jubilee	Tomato Growers Supply	slicer	medium late	I	GS	6.0	7.0	yellow	5	1	3	3	6	5	PL	

¹Transplants set out May 31 in 60" rows with 24" between plants. Peacevine and ORLST Giant Red were planted in a separate organic trial on the Lewis Brown Farm (Corvallis) and were set out June 14.

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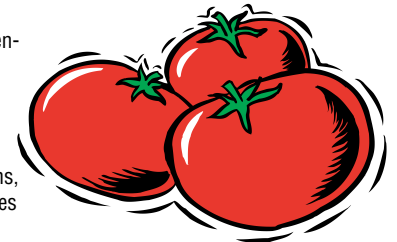
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Tomatoes¹

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Legend	OSU	slicer	early	D	UR	5.5	7.5	red	5	1	7	7	6	8	PL	Concentrated early yield of large fruit; strong tendency for seedless fruit; late blight-resistant
Market Champion	Victory	slicer	late	I	GS	4.0	7.0	red	3	2	5	2	5	3	PL	Variable for fruit size and color
Medford	OSU	slicer	mid season	D	UR	6.2	7.5	red	4	5	7	6	7	6	PL	Open canopy; medium-firm fruit; good yield
Momotaro	Nichols	slicer	late	I	GS	6.0	7.0	pink	6	1	5	3	7	4	F1	Good flavor; soft fruit
Mountain Gold	Tomato Growers Supply	slicer	very late	D	UR	6.5	8.6	yellow	7	1	7	5	7	6	PL	Variable fruit size
Mountain Spring	Syngenta	slicer	late	D	UR	6.0	11.5	red	4	5	8	8	4	5	F1	Attractive fruit
Native Sun	Peter's	slicer	early	D	UR	6.0	5.6	yellow	4	7	7	7	4	4	PL	Low acid
New Sun	Peter's	slicer	late	D	UR	6.0	9.0	yellow	4	6	7	8	3	4	PL	Firm fruit
Nyagous	Tomato Growers Supply	slicer	mid season	I	GS	5.5	6.5	black	5	2	4	3	3	3	PL	
Orange King	Victory	slicer	late	D	GS	6.0	11.5	orange	4	6	4	5	6	4	PL	
Oregon Spring	OSU	slicer	mid season	D	GS	5.2	6.8	red	7	2	7	9	6	6	PL	Concentrated yield; strong tendency for seedless fruit; good, meaty texture; some rough fruit and blossom end scarring
ORLST Giant Red	Sow Organic	slicer	mid season	I	GS	5.5	7.0	red	5	5	7	5	6	6	PL	Attractive fruit

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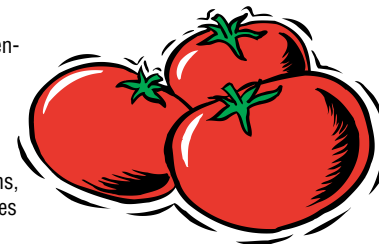
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Peron Sprayless	Territorial	slicer	medium late	I	GS	5.9	7.9	red	5	2	5	4	5	5	PL	Soft fruit
Pik Red	Harris Moran	slicer	mid season	D	UR	7.0	8.0	red	3	6	8	8	6	5	F1	Very firm flesh
Pink Beauty	Johnny's	slicer	late	I	GS	6.7	8.3	pink	4	2	4	3	6	4	F1	Firm fruit
Santiam	OSU	slicer	early	D	GS	5.0	7.5	red	5	3	8	9	4	6	PL	Similar to Oregon Spring; slightly earlier and slightly smaller
Severianin	OSU	slicer	early	D	GS	5.0	8.3	red	3	5	6	7	7	5	PL	Small fruit; strong seedless tendency
Siletz	OSU	slicer	early	D	GS	6.0	10.5	red	7	2	7	9	4	6	PL	Similar to Oregon Spring with fewer rough fruit
Spring King	Peter's	slicer	late	D	GS/UR	7.0	8.5	red	5	2	7	7	2	3	PL	Segregating for fruit shape, shoulder color; radial cracking; rough fruit
Sun 6117	Sunseeds	slicer	late	D	UR	5.5	5.1	red	5	3	8	9	3	7	F1	Blossom end rot; soft flesh; thin skin
Sunchief	Harris	slicer	late	D	UR	7.5	10.3	red	4	3	6	6	3	4	F1	
Valencia	Seeds of Change	slicer	late	I	UR	6.8	7.4	orange	5	1	4	2	5	5	PL	Tastes like an orange
Willamette	OSU	slicer	mid season	D	UR	5.8	7.2	red	4	5	6	7	5	6	PL	Productive; mild flavor
Willamette VF	OSU	slicer	mid season	D	UR	6.3	7.1	red	3	2	6	7	5	6	PL	Productive; mild flavor
Yellow Brandywine Platfoot Strain	Victory	slicer	late	I	UR	5.0	13.0	yellow	6	1	3	2	5	4	PL	
Evergreen	Nichols	novelty	late	I	GS	5.2	12.0	yellow-green	3	2	3	1	3	3	PL	

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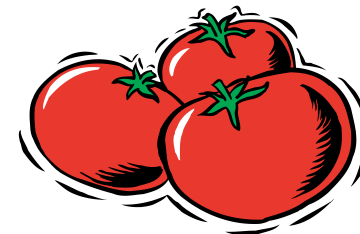
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Watermelons¹

Variety	Source	Maturity	Flesh Color	Rind Color	Fruit Length (cm)	Fruit Width (cm)	Rind Thickness (cm)	Disease ³	Yield ⁴	Seed Color	Brix ⁵	Flavor ⁴	Overall Score ⁴	Cultivar Type ⁶	Notes ⁷
Au Golden Producer	Seminis	medium	peach	dark green with light green stripes	26.4	27.0	1.6	7	5	brown mottled	10.2	5	4	F1	Coarse, fibrous flesh
Butter Ball	D. Palmer	late	pale yellow	yellow-green with dark green stripes	20.0	21.0	1.3	3	6	seedless	7.6	5	6	F1	
Charleston Grey	various ²	late	light red	light green with dark green netting	50.0	22.5	2.3	3	7	black	9.2	7	5	OP	Fibrous texture; sweet
Crimson Delight	Harris	late	dark pink	dark green with medium green stripes	29.0	26.3	1.4	9	5	brown	8.6	6	6	F1	
Crimson Sweet	various ²	late	red	dark green with light green stripes	27.4	25.4	2.4	5	3	brown	8.6	5	5	OP	Severe internal cracking
Dixie Queen	Baker Creek	very late		light green with dark green stripes				7	3					OP	No ripe fruit; too late for Willamette Valley
Festival	Johnny's	medium	red	dark green with medium green stripes	24.2	24.0	1.3	9	5	black	9.2	7	6	F1	
Freedom	Sunseeds	medium	red	dark green with wide, medium green stripes	31.6	22.4	1.6	5	5	seedless	11.0	7	6	F1	Fibrous texture; sweet
Henry Field's Prize	Henry Field's	early	red	dark green with light green stripes	25.3	25.1	2.1	5	5	seedless	11.2	5	3	F1	Some internal cracking; mealy texture
Henry Field's Sweet Cheer	Henry Field's	late	red	dark green with some stripes	45.2	22.2	1.7	5	7	black	11.2	7	7	F1	
Mini Yellow	D. Palmer	early	light yellow	dark green	21.0	20.5	0.8	7	5	seedless	12.0	7	6	F1	Personal-size melon
Montreal	Sunseeds	medium	red	dark green with medium green stripes	43.5	28.6	1.4	4	7	brown	10.4	7	7	F1	
New Orchid	Johnny's	early	golden yellow	dark green with medium green stripes	23.5	23.0	1.0	3	5	black	10.0	7	6	F1	Some internal cracking

¹Direct seeded June 9 with 60" row spacing.

²Available from several sources; see *Garden Seed Inventory* published by Seed Savers Exchange (see "Sources," page i).

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

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⁵Brix = percent soluble solids (a measure of sweetness; higher numbers indicate sweeter fruit).

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⁷Personal-size melons are very small, generally about 2–4 lb.



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Orange Julius	D. Palmer	medium	pale orange	white with medium green stripes	21.2	24.3	2.0	8	6	seedless	10.2	5	6	F1	Fibrous flesh; cracked fruit
Peace	Fedco	medium	yellow	medium green with dark green stripes	23.5	23.0	1.7	5	5	black	7.0	3	3	OP	
Petite Yellow	Fedco	early	yellow	medium green with dark green stripes	19.4	16.2	0.8	2	5	brown	8.4	7	6	OP	Personal-size melon; some cracking fruit
Promise	D. Palmer	medium	pink	light green with dark green stripe	27.8	24.5	1.6	8	7	seedless	10.4	5	6	F1	Fibrous flesh; cracked fruit
Red Ice	Territorial	late	red	green with light green stripes	26.2	26.5	1.7	7	5	seedless	12.0	7	7	F1	Some cracked fruit
Solitaire	Johnny's	late	red	dark green with light green stripes	27.5	22.7	2.0	2	5	black	9.0	7	7	F1	
Starlight	Johnny's	medium	red	dark green with black stripes	25.0	24.4	1.4	9	5	black	8.8	5	5	F1	Coarse flesh; cracked fruit
Stars 'n Stripes	Seminis	late	red	dark green with light green stripes	48.0	23.8	1.7	3	6	black	11.8	6	6	F1	Coarse texture
Sugar Baby	Seeds of Change	medium	pink	dark green	25.3	23.5	1.4	7	7	light brown	6.6	5	5	OP	
Summertime	D. Palmer	medium	pink	light green with medium green stripes	25.5	25.5	1.2	9	5	seedless	10.2	5	5	F1	Internal cracking
Vanguard	Hollar	medium	light red	medium green with dark green stripes	26.7	25.6	1.6	7	5	black	9.0	7	6	F1	Crisp texture
Verona	Seeds of Change	medium	red	dark green	27.0	24.0	1.9	5	6	brown	10.0	7	7	OP	
Will's Sugar	Victory	medium	salmon pink	medium green with some dark mottle	23.4	24.8	1.5	3	6	black	8.6	2	5	OP	
Yellow Bird	D. Palmer	medium	yellow	light green with dark green stripes	24.5	25.9	1.1	3	5	seedless	10.0	8	7	F1	

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