

Vegetable Variety Trials 2003

EM 8777 • Revised April 2004



OREGON STATE UNIVERSITY

EXTENSION SERVICE

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Production notes

Varieties of several kinds of vegetables were grown and evaluated in conjunction with breeding programs at the Oregon State University vegetable farm in Corvallis, Oregon. Unless otherwise noted, plots were 10 to 20 feet long, in 36-inch rows, and received about 450 lb/acre (about 10 lb/1,000 ft²) of 12-29-10-4 fertilizer banded prior to planting. Water was applied every 7 to 14 days as needed. The soil is a well-drained Chehalis silt loam.

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

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

Oregon State University Extension Service offers short publications on specific crops, garden planning, site preparation, and more. You can find many publications on the Web at eesc.oregonstate.edu, or write to Extension & Station

Communications, Oregon State University, 422 Kerr Administration, Corvallis, OR 97331-2119; e-mail: puporders@oregonstate.edu; phone: 541-737-2513.

Notes were not obtained 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

Agrisales, 803 East Reynolds Street, Plant City FL 33563, 800-528-9991

W. Atlee Burpee Company, 300 Park Avenue, Warminster PA 18991, 800-888-1447

*Bejo Seeds, 1972 Silver Spur Place, Oceanside CA 93445, 805-473-2199

BHN Research, 16750 Bonita Beach Road, Bonita Springs FL 34135, 800-606-0163

*Crites Moscow Growers Inc., PO Box 8912, Moscow ID 83843-1412, 208-882-5519

*Daehnfeldt Seed Company, 1100 North Hanley Road, North Manchester IN 46962, 260-982-7969

*Danson Seed Company, 10851 Woodbine Street, Los Angeles CA 90034, 310-838-7675

*D. Palmer Seed Co. Inc., 8269 South Highway 95, Yuma AZ 85365, 928-341-8494

*Harris Moran Seed Co., PO Box 4938, Modesto CA 95352-4938, 209-579-7333

Harris Seed, PO Box 24966, 355 Paul Road, Rochester NY 14624-0966, 800-544-7938

*Hazera Quality Seeds Inc., 2250 East Imperial Highway, Suite 200, El Segundo CA 90245, 310-648-6752

*Hollar & Company, Inc., PO Box 106, Rocky Ford CO 81067, 719-254-7411

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

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

New Mexico State Univ., Dept. of Agronomy & Horticulture, PO Box 30, Las Cruces NM 88003, 505-646-3405

Nichols Garden Nursery, 1190 Old Santiam Road NE, Albany OR 97321, 800-422-3985

Oregon State Univ., J.R. Myers, Department of Horticulture, ALS 4017, Corvallis OR 97331-7304, 541-737-3083

*Orsetti Seed Company Inc., 2301 Technology Parkway, PO Box 2350, Hollister CA 95024-2350, 831-636-4822

*Osborne International Seed Co., 2428 Old Highway 99 South, Mount Vernon WA 98273, 360-424-7333

Prairie Garden Seeds, Box 118, Cochin SK, S0M 0L0, Canada

*Rupp Seeds, Inc., 17919 County Road B, Wauseon OH 43567-9458, 419-337-1841

*Sakata Seed America, Inc., 18095 Serene Road, Morgan Hill CA 95037, 408-778-7758

Seeds of Change, PO Box 15700, Santa Fe NM 87592-1500, 888-762-7333

*Seminis Vegetable Seeds, 2700 Camino Del Sol, Oxnard CA 93030-7967, 805-647-1572

Siegers Seed Co., 13031 Reflections Drive, Holland MI 49424-7217, 800-962-4999

Stokes Seeds, PO Box 548, Buffalo NY 14240-0548, 800-396-9238

*Sunseeds, PO Box 2078, Morgan Hill CA 95038-2078, 408-776-1111

Syngenta Seeds, Inc., PO Box 4188, Boise ID 83711-4188, 208-322-7272

*Takii @American Takii, 301 Natividad Road, Salinas CA 93906, 831-443-4901

Territorial Seed Company, PO Box 158, Cottage Grove OR 97424-0061, 541-942-9547

*Vilmorin, Inc., @ Paramount Seeds, Inc., PO Box 1866, Palm City FL 34991, 772-221-0653

*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 April 2003. Revised April 2004.

Broccoli¹

Variety	Source	Maturity	Plant Height (cm)	Head Diameter (cm)	Head Shape ²	Head Color ³	Bead Size ⁴	Stem Color ³	Head Exsertion ⁵	Head Segmentation ⁶	Plot Uniformity ⁷	Branching ⁸	Overall Score ⁹	Cultivar Type ¹⁰	Notes ¹¹
Alborada	Bejo	medium	62	14	5	4	medium	4	5	3	4	3	4	F1	Very mild flavor
Arcadia	Sakata	medium	54	13	6	4	fine to medium	4	6	3	7	3	6	F1	Cabbage-like flavor
ATX 3040	Osborne	medium	65	12	7	4	medium to coarse	2	3	4	6	3	4	F1	Mild flavor
Bejo 1959	Bejo	medium	30	14	6	3	fine to medium	3	1	5	8	2	7	F1	
Centauro	Takii	medium	67	13	6	3	very fine	1	3	6	8	2	5	F1	Very poor head and stem color; mild flavor
Decathlon	Sakata	medium	52	17	4	5	medium to coarse	4	4	3	3	5	4	F1	Tall, erect leaves
Denali	Orsetti	medium early	46	20	5	3	medium	3	4	2	4	3	4	F1	
Early Dividend	Territorial	early	41	19	4	5	fine to medium	2	3	5	7	1	5	F1	
Emerald Pride	Sakata	medium	51	13	5	5	fine to medium	4	5	3	7	3	7	F1	
Excelsior	Harris Moran	medium late	46	14	5	5	fine	5	4	3	5	5	6	F1	
Gem	Seminis	early	51	12	3	4	medium	3	6	5	6	3	4	F1	Uneven bead development
General	Osborne	medium early	42	15	5	5	fine	3	5	4	5	5	5	F1	
Heritage	Seminis	late	53	16	5	6	medium	4	6	6	7	2	7	F1	Some rosetting; open crown; may have processing potential

¹Direct seeded July 11.

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

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

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

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

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

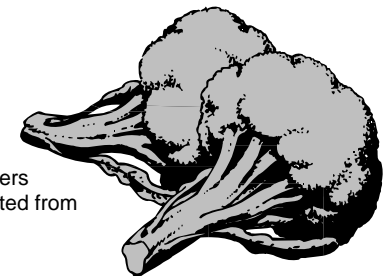
⁷Scores based on a 1–9 scale with 9 = most uniform.

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

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

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

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



Broccoli¹

Variety	Source	Maturity	Plant Height (cm)	Head Diameter (cm)	Head Shape ²	Head Color ³	Bead Size ⁴	Stem Color ³	Head Exsertion ⁵	Head Segmentation ⁶	Plot Uniformity ⁷	Branching ⁸	Overall Score ⁹	Cultivar Type ¹⁰	Notes ¹¹
Laguna	Osborne	medium early	30	18	5	5	fine	3	2	4	5	3	5	F1	
Monterey	Sakata	late	48	16	6	4	fine to medium	3	5	6	4	5	6	F1	Mild flavor
Munchkin	Nichols	medium early	21	10	7	3	fine	2	1	1	5	8	4	OP	Uneven floret development; somewhat bitter flavor
Packman	Nichols	early	44	14	3	4	fine to medium	5	5	3	3	6	4	F1	
Premium Crop	Takii	medium	49	15	3	5	medium	4	3	4	7	3	5	F1	
Regal	Harris Moran	early	37	12	4	5	medium	4	5	4	5	8	6	F1	
Rosalind	Territorial	late	43	14	5	purple	very fine	4	3	2	3	1	4	OP	Novelty purple broccoli with cauliflower-like leaves and growth habit (non-branching); slightly bitter flavor
Sultan	Sakata	medium	39	13	6	5	fine to medium	5	3	3	5	6	6	F1	Some head rot developing
Sussex	Syngenta	medium	48	15	5	6	medium	4	6	2	7	1	7	F1	
Triathlon	Sakata	late	44	14	7	4	fine to medium	3	4	4	2	5	4	F1	Uneven bead development; poor flavor
Windsor	Siegers	medium	47	19	4	7	medium	5	5	4	6	7	7	F1	Good flavor; slightly sweet

¹Direct seeded July 11.

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

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

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

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

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

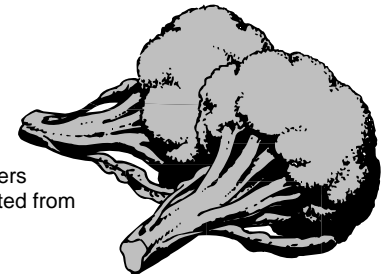
⁷Scores based on a 1–9 scale with 9 = most uniform.

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

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

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

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



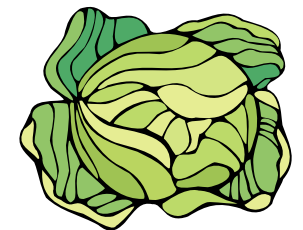
Cabbage¹

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

¹Direct seeded June 11.

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

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Carrots¹

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

¹Direct seeded June 19.

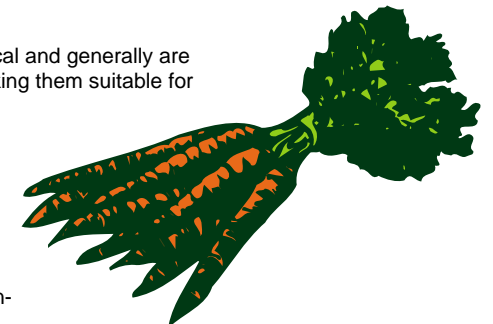
²Imperator types have nearly cylindrical, long, durable roots and are especially suited to shipping and processing; Nantes are medium length and cylindrical and generally are considered to have the best flavor for fresh eating; Danvers are medium length and tapered; Chantenay types are broad, blocky,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

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

⁴Bolting is the premature formation of a seed stalk.

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

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



Carrots¹

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

¹Direct seeded June 19.

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

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

⁴Bolting is the premature formation of a seed stalk.

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

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



Cauliflower¹

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

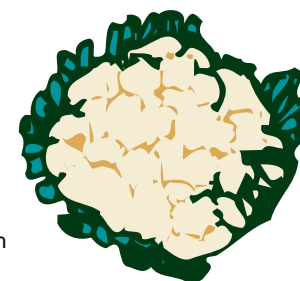
¹Direct seeded July 11.

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

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

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

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Corn, Sugary Enhanced and Sweet¹

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

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

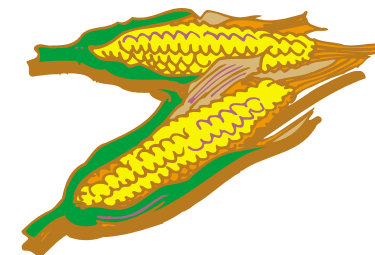
²Endosperm type: su = sugary, se = sugary enhanced, sb = "triple sweet" or "sweet breed" types, which are similar in sweetness to supersweet types but can be planted with sweet and sugary enhanced types, although some loss in quality may be observed. All these types must be isolated from supersweets.

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

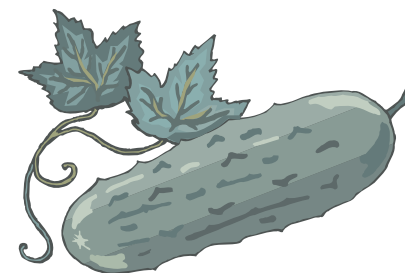
¹Direct seeded June 19, with 60" row spacing. Fruit measurements were not taken for the picklers.

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

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

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

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Cucumbers¹

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

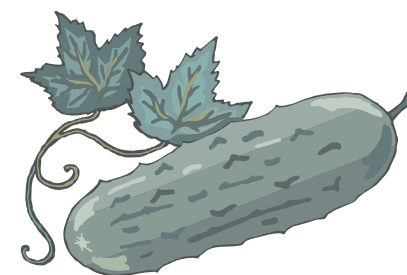
¹Direct seeded June 19, with 60" row spacing. Fruit measurements were not taken for the picklers.

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

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Eggplants¹

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

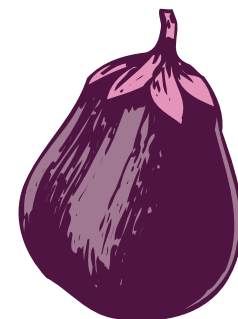
¹Transplants set out June 2.

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

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⁴Apparent Verticillium symptoms based on 1–9 scale with 9 = severe.

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Eggplants¹

Variety	Source	Fruit Color	Maturity	Fruit Shape	Calyx Color ²	Fruit Length (cm)	Fruit Width (cm)	Yield ³	Disease Severity ⁴	Plant Height (cm)	Plant Width (cm)	Overall Score ²	Cultivar Type ⁵	Notes
Megal	Osborne	dark purple	medium	elongated pear	green	21	5.5	7	4	75	66	7	F1	Some spines
Millionaire	Takii	dark purple	medium early	elongated pear	purple	22	5.5	7	4	75	67	6	F1	Spineless; nice flesh color; purple stems
Orient Express	Johnny's	purple	very early	very long pear	purple	26	4	8	1	84	82	8	F1	Japanese long type; spineless; purple stems
Short Tom	Territorial	dark purple	very early	pear	purple	17.5	6.5	7	7	69	54	5	F1	Spineless
Sonata	Harris Moran	dark purple	medium	pear	green	17	7.5	6	4	70	76	6	F1	Some spines
Turkish Orange	Seeds of Change	orange	very early	round	green	4.8	6	7	5	38	55	5	PL	Spineless; harvest green; novelty type

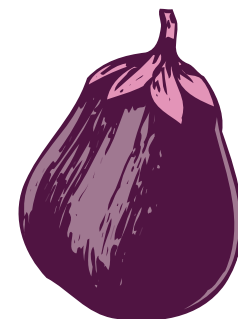
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Melons¹

Variety	Source	Type ²	Maturity	Fruit Length (cm)	Fruit Width (cm)	Rind Color	Flesh Color	Netting ³	Disease ⁴	Yield ⁵	Cavity Length (cm)	Cavity Width (cm)	Flavor ⁵	Brix ⁶	Overall Score ⁵	Cultivar Type ⁷	Notes
Allstar	Harris Moran	California shipper	very late	13.5	13	tan	orange	moderate	7	5	8.5	5.5	7	11.0	4	F1	Solid cavity; good, mild flavor
Ambrosia	Seminis	California shipper	medium late	14	15	tan	orange	heavy	3	7	9	6	7	12.4	5	F1	Good, sweet flavor; juicy; stem end rots as fruit matures
Anaconda	D. Palmer	California shipper	medium late	13	14.5	tan	orange	heavy	6	6	8	6.5	5	12.2	5	F1	
Archer	Harris Moran	California shipper	late	16	15	gray	orange	heavy	6	7	10	6.5	6	13.8	3	F1	Fruit rots as it ripens
Carson	Sunseeds	California shipper	medium late	18	15	tan	orange	heavy	5	6	11	7	5	13.2	5	F1	
Cobra	D. Palmer	California shipper	medium late	17	14	tan	orange	heavy	7	5	10.5	6.5	3	10.4	3	F1	
Esteem	Syngenta	California shipper	medium late	18	15	tan	orange	heavy	5	6	11	7	5	13.2	5	F1	Mild, sweet flavor
Harper Hybrid	Harris	California shipper	medium	13.5	13	tan	orange	heavy	3	6	8	6	6	12.2	5	F1	
Joaquin Gold	Syngenta	California shipper	medium late	15	14.5	tan	deep orange	heavy	5	6	9	5	8	10.8	5	F1	Fruity flavor
Mission	Seminis	California shipper	late	15.5	12.5	tan	orange	heavy	4	7	8	6.5	5	14.2	5	F1	Firm flesh
Motagua	Syngenta	California shipper	medium	18	16.5	tan	orange	heavy	2	8	12	8	7	14.6	8	F1	Crisp flesh with fair flavor
Rocket	Harris	California shipper	medium late	17	15.5	tan	orange	heavy	7	5	10.5	7	7	12.4	4	F1	Firm flesh
Saticoy	Nichols	California shipper	medium	17.5	14.5	tan	deep orange	moderate	5	7	11	4.5	8	13.6	7	F1	Soft-textured flesh; flavorful and sweet
Sidewinder	D. Palmer	California shipper	medium late	18	16	tan	orange	heavy	7	7	11	7.5	6	9.6	3	F1	Soft-textured flesh; very mild flavor; some fusarium wilt
Viper	D. Palmer	California shipper	late	16	15.5	tan	orange	heavy	6	7	9.5	5.5	5	14.0	4	F1	Bland flavor
Voyager I	Sunseeds	California shipper	late	16	16	tan	pale orange	heavy	6	8	12	8	6	15.6	5	F1	Compact vine; some rotten fruit at center of plant

¹Direct seeded June 4 with 60" row spacing.

²California shipping types have round, thick-walled fruit that are heavily netted but lack ribbing. Eastern cantaloupes are ribbed, usually larger and thinner-walled than California shippers, and generally are very sweet with a strong "musky" flavor. Honeydews and canary melons are typically white- or yellow-skinned, without ribbing, do not "slip" the vine when ripe, and have a crisper texture than cantaloupes. Galia types are of Middle Eastern origin, are typically round with moderate to heavy netting and lime green flesh. Charantais melons usually are small with blue-green rind with slight ribbing and orange flesh, do not "slip" the vine when ripe, and have sweet, aromatic flesh.

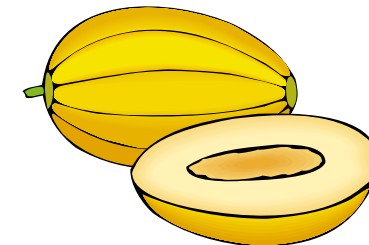
³Netting refers to the "crosshatch" appearance of the rind, with moderate to heavy netting preferred for shipping melons to prevent damage.

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⁶Brix = percent soluble solids (a measure of sweetness; higher numbers indicate sweeter fruit).

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Melons¹

Variety	Source	Type ²	Maturity	Fruit Length (cm)	Fruit Width (cm)	Rind Color	Flesh Color	Netting ³	Disease ⁴	Yield ⁵	Cavity Length (cm)	Cavity Width (cm)	Flavor ⁵	Brix ⁶	Overall Score ⁵	Cultivar Type ⁷	Notes
Amy	Known-You	Canary	medium late	17	14.5	golden yellow	creamy green	none	6	6	10.5	6	5	12.8	5	F1	Concentrated maturity; some fusarium wilt
Golden Beauty 229	Johnny's	Canary	medium late	24	16	yellow	light green	none	4	7	15	7	7	11.2	7	F1	Fairly crisp flesh; very mild flavor
Jaune des Canaries	Harris Moran	Canary	late	19	15	golden yellow	green	none	4	5	11	5.5	7	14.0	4	F1	Honeydew flavor, mild and sweet
Sugar Nut	Johnny's	Canary	medium late	16	14	golden yellow	light green	slight	2	8	8.5	6	7	14.2	8	F1	Attractive fruit with honeydew flavor and firm flesh
Sunex 7056	Sunseeds	Canary	very late	19	17.5	golden yellow	light green	none	2	7	10	7.5	7	14.6	5	F1	Very vigorous vine; mild honeydew flavor; some fruit cracking
Alienor	Territorial	Charantais	medium	13.5	13.5	blue-green	deep salmon	light	3	5	8.5	6	5	14.2	3	F1	Very crisp flesh; fruit cracks as it ripens
Charentais	Seeds of Change	Charantais	late	10	12	blue-green	orange	none	6	5	5.5	4.5	7	11.8	5	OP	Fruit cracks and rots as it ripens
Savor	Johnny's	Charantais	medium	11	11	blue-green	orange	none	4	3	5.5	4.5	5	13.6	3	F1	Strong flavor; cracks badly
French Orange	Nichols	Charantais/ cantaloupe cross	medium	12	12.5	tan	salmon	moderate	4	6	7	5.5	6	11.6	5	F1	Very aromatic; strong flavor
Earliqueen	Johnny's	Eastern cantaloupe	early	16	15	tan	orange	moderate	5	8	10	7	8	10.4	7	OP	
Gold Star	Harris	Eastern cantaloupe	medium	17	15	tan	salmon	moderate	4	6	10	7	8	12.6	7	F1	Soft flesh; excellent flavor
Starship	Harris Moran	Eastern cantaloupe	medium	17	15.5	tan	orange	light	2	7	10	7	8	12.8	7	F1	Slightly ribbed fruit; very mild flavor
Superstar	Harris Moran	Eastern cantaloupe	medium	19.5	18	tan	salmon	moderate	1	7	12	8.5	8	12.6	8	F1	Excellent flavor

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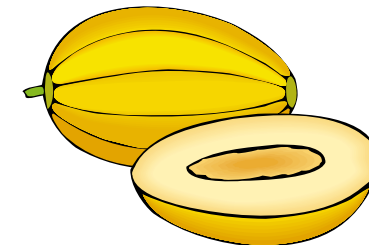
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Melons¹

Variety	Source	Type ²	Maturity	Fruit Length (cm)	Fruit Width (cm)	Rind Color	Flesh Color	Netting ³	Disease ⁴	Yield ⁵	Cavity Length (cm)	Cavity Width (cm)	Flavor ⁵	Brix ⁶	Overall Score ⁵	Cultivar Type ⁷	Notes
Zenith	Sunseeds	Eastern cantaloupe	medium late	17.5	15	tan	salmon	moderate	2	5	10	5.5	8	10.4	7	F1	Very solid cavity and attractive, firm flesh
6004	Hazera	Galia	medium early	15.5	16	yellow-green	green	moderate	5	6	9	5.5	5	13.8	4	F1	Firm flesh; fruit rots as it ripens
AM-02-03	D. Palmer	Galia	medium late	20	18	greenish-tan	cream	moderate	3	7	12.5	10	6	13.4	7	F1	Vigorous vine; large fruit; sweet
AM-02-04	D. Palmer	Galia	early	19	16.5	golden orange	cream	moderate	5	6	12	8	7	10.0	8	F1	Concentrated yield; good flavor; good texture
Arava	Hazera	Galia	medium late	15.5	15.5	yellow-green	green	moderate	2	8	8.5	7	7	11.4	7	F1	
Elario	Hazera	Galia	medium	14.5	16	yellow-green	creamy green	moderate	5	6	7.5	6.5	5	10.0	3	F1	Good honeydew flavor; green streaks in flesh; fruit rots as it ripens
Galapago 47	Hazera	Galia	medium	13	14	yellow-green	green	moderate	4	6	7.5	5.5	3	10.0	3	F1	Very compact plant; very crisp flesh; fruit rots as it ripens
Gallicum	Nichols	Galia	medium early	16.5	16	yellow-green	green	moderate	3	6	10	6	5	10.2	3	F1	Very firm flesh; solid cavity
GM-02-05	D. Palmer	Galia	medium	14	14	yellow-green	green	moderate	6	6	7	6	7	10.2	6	F1	
GM-02-06	D. Palmer	Galia	medium late	14.5	16	orange-tan	orange	moderate	2	7	7.5	5	6	13.2	6	F1	Soft flesh; fruit cracking
Makdimon Improved	Hazera	Galia	medium late	13	15	yellow-green	green	moderate	6	6	7	6	5	10.6	5	F1	
Earlidew	Nichols	Honeydew	medium early	15	15	light green	light green	none	6	5	8	7	4	12.4	3	F1	

¹Direct seeded June 4 with 60" row spacing.

²California shipping types have round, thick-walled fruit that are heavily netted but lack ribbing. Eastern cantaloupes are ribbed, usually larger and thinner-walled than California shippers, and generally are very sweet with a strong "musky" flavor. Honeydews and canary melons are typically white- or yellow-skinned, without ribbing, do not "slip" the vine when ripe, and have a crisper texture than cantaloupes. Galia types are of Middle Eastern origin, are typically round with moderate to heavy netting and lime green flesh. Charantais melons usually are small with blue-green rind with slight ribbing and orange flesh, do not "slip" the vine when ripe, and have sweet, aromatic flesh.

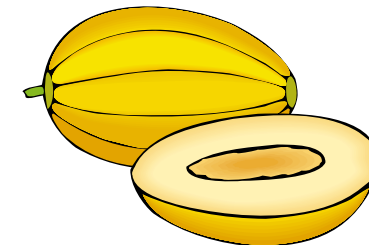
³Netting refers to the "crosshatch" appearance of the rind, with moderate to heavy netting preferred for shipping melons to prevent damage.

⁴Disease scores based on a 1–9 scale with 9 = severe. Diseases present were angular leaf spot, powdery mildew, and fusarium wilt.

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

⁶Brix = percent soluble solids (a measure of sweetness; higher numbers indicate sweeter fruit).

⁷F1 = F1 hybrid: the direct result of a cross between two genetically different parents—seed of these varieties will not reproduce true to type; advantages to gardeners include increased uniformity and vigor and often disease resistance. OP = open pollinated: varieties of cross-pollinated crops that will reproduce true to type if isolated from other varieties of the same species.



Melons¹

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

¹Direct seeded June 4 with 60" row spacing.

²California shipping types have round, thick-walled fruit that are heavily netted but lack ribbing. Eastern cantaloupes are ribbed, usually larger and thinner-walled than California shippers, and generally are very sweet with a strong "musky" flavor. Honeydews and canary melons are typically white- or yellow-skinned, without ribbing, do not "slip" the vine when ripe, and have a crisper texture than cantaloupes. Galia types are of Middle Eastern origin, are typically round with moderate to heavy netting and lime green flesh. Charantais melons usually are small with blue-green rind with slight ribbing and orange flesh, do not "slip" the vine when ripe, and have sweet, aromatic flesh.

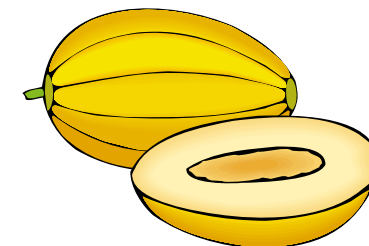
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⁵Scores based on a 1–9 scale with 9 = best.

⁶Brix = percent soluble solids (a measure of sweetness; higher numbers indicate sweeter fruit).

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Onions¹

Variety	Source	Maturity	Color	Length (cm)	Width (cm)	Shape	Neck ²	Storage ³	Overall Score ⁴	Cultivar Type ⁵	Notes
Candy	Nichols	early	yellow	7	8	slightly oblate	8	6	8	F1	Very uniform with small necks and good size
Cipollini	Nichols	medium early	yellow	3.5	8	flat	7	7	7	OP	Appealing, unusual, irregular shape
Condor	Takii	medium early	yellow	8	8	globe	8	6	7	F1	Uniform; just starting to soften in storage
Frontier	Takii	medium	yellow	7	7	globe	8	7	7	F1	Uniform; good storage ability
Kodiak	D. Palmer	medium	yellow	8.5	8	variable	8	8	6	F1	Variable size and shape; too many small onions
Mars	Harris	early	yellow	7	7	globe	7	7	7	F1	Uniform and attractive
Mesquite	D. Palmer	medium	yellow	8.5	10	globe to slightly oblate	6	6	7	F1	Makes good size
Prince	Johnny's	medium	yellow	7.5	7	globe	7	8	8	F1	Attractive; very good storage ability
Tequila	D. Palmer	medium	yellow	8	8	globe	7	7	7	F1	Uniform, large onions
Frosty	D. Palmer	medium	white	7	7	variable	6	5	4	F1	Globe to elongated
Gladstone	Bejo	medium	white	8	8	globe	7	6	7	F1	Somewhat variable for shape; good size
Superstar	Seminis	early	white	7	7	globe	7	4	7	F1	Large for an early onion
Walla Walla	Territorial	early	white	8	8	globe	1	1	5	OP	Not for storage; variable size
White Hawk	Bejo	early	white	5	5	globe	5	4	4	F1	Small bulbs when spring sown
White Sweet Spanish	Nichols	medium early	white	8.5	8	elongated to slightly oblate	6	5	7	OP	Attractive, large onions; variable shape; some starting to rot
Red Baron	Bejo	late	red	6	6	variable	3	4	3	F1	Highly variable size and shape; elongated to oblate
Red Beauty	Bejo	medium	red	6	7	elongated globe	7	5	5	F1	
Red Eyes	D. Palmer	early	red	6	7	globe	7	4	3	F1	Variable size and shape
Red Long of Tropea	Johnny's	medium	red	9	6	elongated	1	1	5	OP	Attractive shape; not for storage
Red Wing	Bejo	medium	red	7	8	slightly elongated, pointed	7	7	8	F1	Very nice red color; good size

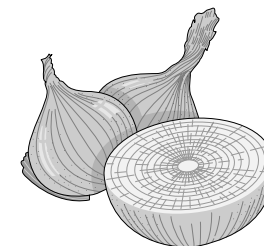
¹Direct seeded May 2. Storage notes taken February 11, 2004.

²Scores based on a 1–9 scale with 1 = fat necks with multiple stalks and 9 = very small, neat necks. Onions with small necks are, in general, better storage onions.

³Scores based on a 1–9 scale with 1 = all bulbs sprouted and 9 = no sprouting and bulbs showing no signs of softening or rot.

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

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



Peppers, Bell¹

Variety	Source	Maturity	Immature Color	Mature Color	Fruit Length (cm)	Fruit Width (cm)	Plant Height (cm)	Plant Width (cm)	Flesh Thickness	Sun-scald ²	Fruit Score ³	Overall Score ³	Cultivar Type ⁴	Notes ⁵
840	Osborne	medium late	green	red	10	9.5	43	50	7	3	5	5	F1	Plants lodging; good yield; fruit not sweet
Ace	Johnny's	medium	green	red	11.5	6.8	39	37	5.5	5	5	5	F1	Nice interior color; good flavor; some lodging
Ariane	Prairie	early	green	orange	7.5	8.5	34	36	4.5	6	4	5	OP	Many bull-nosed fruit; good flavor; small plant; tightly clustered fruit
Boynton Bell	Harris Moran	late	green	red	9	8.6	37	37	7.5	4	7	4	F1	Fair flavor but not sweet
Brigadier	Osborne	medium	green	red	9.5	10.5	46	43	8.5	3	5	5	F1	Compact plants with high yield; fair flavor
Conquest	Harris	medium	green	red	10.9	10.5	44	37	8	7	7	6	F1	Very small plant with good yield of very large fruit; very mild flavor
Corona	Johnny's	early	green	orange	8.8	8.5	50	38	7	4	5	6	OP	Good flavor; tightly clustered fruit
Crusader	Osborne	medium late	green	red	9.2	9.2	45	48	5	2	4	4	F1	Some blossom end rot; good flavor but not sweet
Diego	Osborne	late	green	red	8.8	8.7	38	32	7	3	4	4	F1	Fruit tightly clustered; bland flavor
Early Calwonder	Stokes	medium	green	red	11.2	8	44	47	5.5	7	6	4	OP	Good flavor; good yield but many small fruit
Enterprise	Osborne	medium	green	red	10.4	9.5	50	48	8.5	4	6	5	F1	Good flavor; would make a good stuffer
Fat' n Sassy	Nichols	medium early	green	red	11.4	10	46	53	7.5	5	6	6	F1	Good flavor
Flamingo	Harris Moran	medium	light green	orange to red-orange	13.5	7.1	46	48	5	7	7	7	F1	Attractive fruit; good yield
Gourmet	Johnny's	medium late	green	orange	11.5	7.8	42	47	5	7	6	4	F1	Good flavor, sweet; small plants with fruit on ground
HMX 3640	Osborne	medium	green	red	12.8	11	45	48	7	6	4	6	F1	High yielding, good flavor; fruit not uniform, rough
Islander	Johnny's	medium	green	red	12.4	8.7	42	42	7	3	7	7	F1	Fruit changes from light green to purple to orange to red; excellent flavor and sweetness
Ivory	Osborne	medium	wax	yellow	10.5	8.6	54	64	5	9	5	5	F1	Sour flavor; lodging; good yield

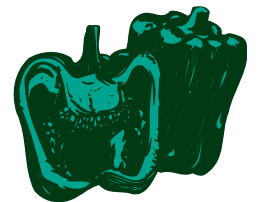
¹Transplants set out May 23.

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



Peppers, Bell¹

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

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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	Sunscald ²	Fruit Score ³	Overall Score ³	Cultivar Type ⁴	Notes ⁵
Red Delicious	Burpee	late	green	red	9.8	9	44	40	6.5	8	4	3	F1	Lodging, bland flavor; bull-nosed
Snow White	Nichols	medium late	green-yellow	orange-red	13.6	7.4	47	50	5	8	6	7	F1	Good paprika-like flavor; attractive plant; good yield
Super Heavy Weight	Nichols	late	green	red	14.5	10.7	43	42	8	3	4	4	F1	Good flavor
Super Set	Sakata	medium	green	red	11.8	8.2	35	48	6.5	5	5	6	F1	Good flavor
Sweet Chocolate	Johnny's	medium early	green	red-brown	10.9	5.5	46	45	3.5	2	3	3	OP	Bland flavor; poor yield of usable fruit
Tequila	Osborne	early	light green	red	10.3	8.8	39	44	6.5	7	7	9	F1	Very attractive, color changes from light green to purple to red; good yield; good, mild flavor
Valencia	Harris	early	green	deep orange	9.7	8.9	41	44	5	3	4	4	F1	Good flavor
Vidi	Vilmorin	medium	green	red	13.9	9.5	49	37	4.5	4	4	4	F1	Fair flavor; poor yield
Vivaldi	Osborne	medium late	green	red	13.5	9.7	52	53	6	5	4	4	F1	Fruit tightly clustered in center of plant leading to fruit rot and difficult picking; poor flavor
Yankee Bell	Johnny's	early	green	red	10.7	8	58	49	7	3	4	5	OP	Fairly uniform fruit with bland flavor

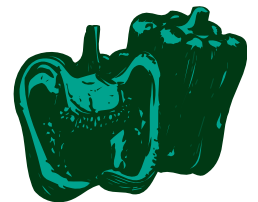
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Peppers, Miscellaneous¹

Variety	Source	Type	Maturity	Immature Color	Mature Color	Fruit Length (cm)	Fruit Width (cm)	Plant Height (cm)	Plant Width (cm)	Flesh Thickness (mm)	Sun-scald ²	Fruit Score ³	Overall Score ⁴	Cultivar Type ⁵	Notes ⁶
Anaheim TMR 23	Seminis	Anaheim	medium late	green	red	18.5	3.7	67	59	3.5	7	5	6	OP	Moderately hot; tough skin
Mulato Isleno	Seminis	ancho	very late	dark green	maroon	11	8.2	86	78	1.5	9	7	5	OP	Tall plant with some lodging; good flavor
Tiburon	Harris	ancho	late	very dark green	red	13.2	8	72	88	4.5	2	6	6	F1	Good yield; mildly hot
Banana Supreme	Seminis	banana	early	yellow-green	red	18.3	4.6	61	56	4	9	7	8	F1	Nice, smooth fruit; not very sweet; good yield, plant stands nicely
Bananarama	Burpee	banana	medium late	yellow-green	red-orange	26	4.5	44	51	4	9	7	7	F1	Sweet and flavorful; high yield
Gypsy	Burpee	pointed bell	early	yellow	orange-red	14.5	6.5	46	50	4.5	9	7	7	F1	Bell pepper flavor with some heat; good yield; uniform fruit
Fajita Bell	Nichols	hot bell	medium	green	red	10.4	8.6	35	48	6.5	3	4	4	F1	Slightly hot, peppery flavor; some rotting fruit; lodging
Andy	Johnny's	cayenne	medium early	green	red	18.8	1.8	59	62	1.5	9	8	8	F1	Good yield, moderately hot with some sweetness
Cayenne Long Slim	Nichols	cayenne	medium	green	red	10.8	1.1	57	51	1.5	9	5	5	OP	Bland flavor
Golden Heat	Osborne	cayenne	late	green	red	13.5	1.2	56	67	1.5	7	5	4	F1	Leathery skin, bland flavor, not especially hot; lots of lodging
Hero	Territorial	cayenne	late	green	red	15.2	1.5	49	61	2	9	4	4	F1	Bland flavor
Miles Flavor	Known You	cayenne	very late	green	orange-red	18.5	1.2	68	72	2	9	5	5	F1	Lacks flavor
Salsa Delight	Burpee	long cayenne	medium late	green	red	22	2.8	66	71	2.5	8	5	4	F1	Slightly hot, acidic flavor; fair yield
Cherry Bomb	Seminis	cherry	early	green	red	3.9	3.9	59	64	4	9	6	8	F1	Tough skin; moderately hot; stands well; high yield

¹Transplants set out May 23.

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

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

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Peppers, Miscellaneous¹

Variety	Source	Type	Maturity	Immature Color	Mature Color	Fruit Length (cm)	Fruit Width (cm)	Plant Height (cm)	Plant Width (cm)	Flesh Thickness (mm)	Sunscald ²	Fruit Score ³	Overall Score ⁴	Cultivar Type ⁵	Notes ⁶
Euro Jumbo Sweet Cherry	Stokes	cherry	early	green	red	5.9	5.6	53	44	5.5	5	5	5	F1	Good flavor
ACX 500	Abbott & Cobb	cubanelle	medium late	pale green	red	19.8	5.8	72	42	5.6	7	5	6	F1	Bland flavor; some lodging
Aruba	Syngenta	cubanelle	early	green	red-orange	15.5	6.2	62	55	5	9	6	7	F1	Sweet and slightly hot; fruit clustered in crown
Copacabana	Harris Moran	cubanelle	medium	light green	red	12.8	3.5	45	50	3.5	9	5	7	F1	Attractive plant; slightly hot; good yield; color turns green to yellow to orange to red
Caribbean Red	Johnny's	habanero	medium late	green	orange	5.1	3.5	54	88	1.5	8	7	7	OP	Very hot but with some sweetness; good yield; strong plant
Habenero	Territorial	habanero	late	green	red-orange	4	3.2	53	83	2.5	7	7	7	OP	Excellent yield; very hot
Hot Paper Lantern	Johnny's	habanero	medium late	green	red-orange	7	2.8	70	86	1.5	9	5	8	OP	Large, strong plant; longer fruit than typical habanero; good yield
Euro Long Hot Hungarian	Stokes	Hungarian wax	medium early	yellow	red	19	4.3	60	46	3	8	9	7	F1	Sweet and slightly hot (excellent flavor); good yield; some fruit touch ground
Giant Marconi	Nichols	Italian sweet	medium late	green	red	28.3	8.2	59	60	4.5	3	7	4	F1	Heavy yield; good flavor, slightly hot
Red Bull's Horn	Territorial	Italian sweet	medium	green	red	21.7	5.9	64	48	4	3	7	7	OP	Very mild, sweet, good flavor; deep red color
The Godfather	Burpee	Italian sweet	late	green	red	21	5.2	60	50	4.5	8	7	5	F1	Sweet; tough skin
5000	Osborne	jalapeno	medium early	green	red	7.5	3	43	51	5	9	7	8	F1	Mild flavor
ACX 105	Abbott & Cobb	jalapeno	medium early	green	red	10.4	2.1	50	59	4.5	9	5	6	F1	Moderate fruit cracking; slightly bitter; fair yield

¹Transplants set out May 23.

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

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

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



Peppers, Miscellaneous¹

Variety	Source	Type	Maturity	Immature Color	Mature Color	Fruit Length (cm)	Fruit Width (cm)	Plant Height (cm)	Plant Width (cm)	Flesh Thick-ness (mm)	Sun-scald ²	Fruit Score ³	Overall Score ⁴	Cultivar Type ⁵	Notes ⁶
ASX25 3XR	Osborne	jalapeno	medium late	green	red	11.4	3	56	64	5.5	9	3	5	F1	Atypical necrosis at blossom end as fruit ripens (blossom-end rot?); minimal cracking; moderately hot; nice plant; good yield
Biker Billy	Burpee	jalapeno	late	green	red	10	3.7	56	49	7	9	5	4	F1	Bland flavor; too late for Willamette Valley
BOS 6017	Orsetti	jalapeno	early	green	red	9.8	3	57	58	5	9	6	6	F1	Light cracking on fruit
Conchos	Johnny's	jalapeno	medium late	green	red	9.8	3.2	52	48	4.5	9	7	3	F1	Very nice fruit; lodging plants
Delicias	Johnny's	jalapeno	medium late	green	red	7.8	2.7	45	59	4	7	4	4	F1	Significant lodging; moderately heavy cracking on fruit; good fruit size; moderately hot
Early Jalapeno	Nichols	jalapeno	medium early	green	red	7.7	3	38	29	3	9	7	4	OP	
False Alarm	Burpee	jalapeno	late	green	red	8.8	2.9	45	42	5	9	4	4	F1	Very mild with only slight heat; too late for Willamette Valley
Jalapeno M	Harris	jalapeno	very late	green	red	8.5	2.5	61	66	4	9	7	3	OP	Highly variable; too late for Willamette Valley
Mitla	Seminis	jalapeno	medium late	green	red	6.6	2.5	46	50	4	9	5	5	F1	Many small cracks on fruit; moderately hot; high yielding
Mucho Nacho	Harris	jalapeno	late	green	red	9.6	3.2	52	47	4	9	5	3	F1	Severe plant breakage and lodging; moderate fruit cracking; flavor sweet but astringent
Perfecto	Seminis	jalapeno	medium	green	red	10.5	3.4	44	44	6.5	9	3	4	F1	Fruit longer and more curved than typical jalapeno; moderately hot

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

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Peppers, Miscellaneous¹

Variety	Source	Type	Maturity	Immature Color	Mature Color	Fruit Length (cm)	Fruit Width (cm)	Plant Height (cm)	Plant Width (cm)	Flesh Thickness (mm)	Sun-scald ²	Fruit Score ³	Overall Score ⁴	Cultivar Type ⁵	Notes ⁶
Summer Heat 6000	Abbott & Cobb	jalapeno	medium early	green	red	10	2.8	63	65	4	9	5	5	F1	Poor yield; fair flavor
Tam Jalapeno #1	Seminis	jalapeno	medium	green	red	6.8	2.9	43	54	4	9	8	6	OP	Very good yield; some lodging; moderate fruit cracking
VTR 56	Orsetti	jalapeno	medium	green	deep reddish-brown	11.2	3.2	62	66	4	9	5	4	F1	Significant lodging; pleasant flavor; mildly hot
VTR 7	Orsetti	jalapeno	medium early	green	red	8.8	3.3	46	56	5.5	9	5	4	F1	Variable; very light cracking on fruit; good flavor; some lodging
Xena	Sunseeds	jalapeno	medium early	green	red	9.8	8.2	56	60	4	9	7	6	F1	Very light cracking on fruit; moderately hot; good yield
Pizza	OSU	sweet jalapeno	late	green	red	9.4	4.6	50	54	6	9	9	7	OP	Good flavor with a little spice; heavy yield; very thick walls
Espanola Improved	NMSU	New Mexican	medium	green	red	16.5	2.8	55	66	2	9	5	5	OP	Good flavor; moderately hot
New Mexico 6-4	NMSU	New Mexican	late	green	red	18	4	61	60	4	9	7	2	OP	Severe lodging; too late for Willamette Valley
NuMex Big Jim	NMSU	New Mexican	late	green	red	20.5	4.3	59	69	4.5	9		1	OP	Too late for Willamette Valley
NuMex Joe Parker	NMSU	New Mexican	late	green	red	20.5	4	65	47	3.5	9		1	OP	Too late for Willamette Valley; lodging
NuMex R Naký	NMSU	New Mexican	late	green	red	15.4	3.9	55	55	2	8	7	4	OP	Very mild, sweet, good flavor, but too late
Bolivian Rainbow	Seeds of Change	ornamental	medium late	purple	red	2.4	1.7	49	50	1.5	9	5	7	OP	Fruit held erect; color changes from purple to green to yellow to red; nice ornamental

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Peppers, Miscellaneous¹

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

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Peppers, Miscellaneous¹

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

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Pumpkins and Ornamental Gourds¹

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

¹Direct seeded May 27 in 60" rows.

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



Pumpkins and Ornamental Gourds¹

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

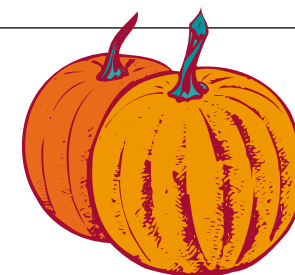
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Squash, Winter¹

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

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Squash, Winter¹

Variety	Source	Species	Type	Fruit Height (cm)	Fruit Width (cm)	External Color	Flesh Color	Yield ²	Plant Vigor ²	Habit	Disease ³	Overall Score ²	Cultivar Type ⁴	Notes
Honey Boat	OSU	pepo	delicata	20	7.5	tan with green stripes	light orange	6	5	vine	3	7	OP	Uniform fruit with thick flesh; excellent quality
Sugar Loaf	OSU	pepo	delicata	15	8.5	tan with green stripes	pale orange	7	4	vine	5	8	OP	Uniform fruit with thick flesh; smaller and blockier than Honey Boat; excellent quality
Blue Magic	Rupp	maxima	hubbard	22	22	light blue-gray	golden-orange	7	7	vine	7	6	F1	Uniform shape; soft rind
Queensland Blue	Johnny's	maxima	jarrahdale	18	31	light blue-gray	golden-yellow	7	7	vine	5	4	OP	Pumpkin-shaped, attractive, ribbed fruit; medium-thick flesh
Black Forest	Johnny's	maxima	kabocha	12	19	dark green with slight stripe	greenish-gold	6	5	vine	4	5	OP	Concentrated set
Cha Cha	Johnny's	maxima	kabocha	11	19	dark green with light stripe	deep gold	5	6	vine	5	6	F1	Very thick flesh wall; very good, rich flesh color
Delica	Takii	maxima	kabocha	11	21	dark green with light stripe	greenish-gold	7	8	vine	7	7	F1	Excellent quality
Sunshine	Johnny's	maxima	kabocha	12	18	dark orange	orange	4	8	semi-bush	5	7	F1	Uniform shape but variable size; fair-quality, thick flesh
Supreme Delight	Sakata	maxima	kabocha	13.5	18	dark green with light stripe	greenish-orange	5	8	vine	4	6	F1	Low yield; dry, good-quality flesh
Sweet Mama	Takii	maxima	kabocha	14	24	dark green with light stripe	golden-orange	6	7	semi-bush	7	5	F1	Excellent quality; some fruit cracking
Pasta	Seminis	pepo	spaghetti	7	7	yellow	pale yellow	7	7	vine	3	5	F1	

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Tomatoes¹

Variety	Source	Type	Maturity	Vine Type ²	Shoulder ³	Fruit Height (cm)	Fruit Width (cm)	Fruit Color	Plant Vigor ⁴	Yield Efficiency ⁵	Flavor ⁴	Overall Score ⁴	Cultivar Type ⁶	Notes ⁷
Gold Nugget	OSU	cherry	early	D	GS	2.5	2.5	yellow-gold	3	9	6	7	PL	Extremely productive with very concentrated set; strong tendency for seedless fruit
Large German Cherry	OSU	cherry	early	I	GS	4	5	red	7	6	7	7	PL	Very good flavor, sweet and mildly acid; productive
Mini Cherry	D. Palmer	cherry	medium	I	GS	2.5	2	red	9	5	6	5	F1	Rampant plant; fruit splits readily when ripe
Mini Star	D. Palmer	cherry	medium early	I	GS	3.5	3.5	red	8	6	5	6	F1	Some splitting
OR 11	OSU	cherry	very early	D	GS	3.5	3.5	red	1	8	5	3	PL	Variable fruit size; small plant with poor foliage cover; grow for extreme earliness
Oregon Cherry	OSU	cherry	very early	D	GS	3.5	3.5	red	4	9	6	7	PL	Compact plant; early, concentrated yield; good flavor
Sun Cherry	Johnny's	cherry	early	I	GS	3	3	red	7	7	7	6	F1	Fruit splits readily when fully ripe; good, sweet, acid flavor
Sun Gold	Territorial	cherry	early	I	GS	2.5	2.5	orange	8	8	7	7	F1	Fruit splits readily when ripe; excellent flavor is sweet and moderately acid
Sweet Baby Girl	Seminis	cherry	medium early	I	GS	3	3	red	5	8	8	7	F1	Excellent, sweet flavor
IPB	OSU	large cherry	very early	I	GS	4.5	5	red	5	7	7	6	PL	Soft fruit; poor plant cover; grow for extreme earliness
Remolino	D. Palmer	large cherry	medium	I	GS	3	3.5	red	7	5	6	5	F1	
Halley 3155	Orsetti	sauce	medium late	D	UR	7	5	red	5	8	4	7	F1	Short plum shape; very thick wall; few seeds; firm; good leaf cover
Health Kick	Burpee	sauce	medium late	D	UR	6.5	4.5	red	6	7	5	7	F1	Two locular plum-shaped fruit; firm; good foliage cover
Hypeel 45	Seminis	sauce	medium	D	UR	6	5.5	red	4	7	5	7	F1	Firm, long holding, meaty fruit
Macero II	Harris Moran	sauce	medium	D	UR	4.5	9	red	3.5	7	3	5	PL	Roma type; thick-walled and firm, easy to pick; sunburn
MiRoma	Osborne	sauce	medium	D	UR	7	6	red	5	7	4	6	F1	Blocky fruit with variable fruit shape; good interior and exterior color; bland flavor

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Tomatoes¹

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

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Tomatoes¹

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BHN 363	BHN	slicer	medium	D	UR	7	9.5	red	4	8	5	5	F1	Very firm with medium-thick walls; concentrated maturity; some radial cracking
BHN 444	BHN	slicer	medium	D	UR	6.5	8.5	red	3	8	3	5	F1	Very meaty, multilocular fruit
Big Beef	Nichols	slicer	medium late	I	GS	6	9	red	8	4	6	4	F1	Firm fruit
Bobcat	Syngenta	slicer	medium late	D	UR	6.5	9.5	red	4	8	4	7	F1	Firm fruit; poor foliage cover
Brandy Boy	Burpee	slicer	late	I	GS	5.5	10.5	pink	8	3	6	4	F1	Rough, oblate fruit with scarred blossom ends; potato leaf foliage; flavor moderately acidic
Burpee's Big Boy	Burpee	slicer	late	I	GS	6	8.5	red	9	3	5	4	F1	Soft fruit
Burpee's Supersteak	Burpee	slicer	medium late	I	UR	7.5	14	red	9	3	3	3	F1	Oblate fruit with rough shoulder and sunken stem; some radial cracking; low acidity
Bush Big Boy	Burpee	slicer	medium	D	UR	7.5	9.5	red	4	7	5	5	F1	Very firm, smooth fruit; low acid
Carmello	Nichols	slicer	medium	I	GS	6	8	red	7	6	7	4	F1	Some blossom-end scarring; fairly soft fruit; produces over a long season
Caro Rich	Seeds of Change	slicer	medium late	I	GS	5.5	8	golden-yellow	5	3	4	4	PL	Soft flesh but meaty; sweet with low acid; nice internal color
Celebrity	Nichols	slicer	medium	D	GS	6	9	red	6	5	6	5	F1	Variable fruit size; firm fruit
Daniela	Johnny's	slicer	medium	I	GS	5	7	red	7	5	5	4	F1	Firm, smooth fruit
Double Rich	Seeds of Change	slicer	medium	I	UR	7.5	8	red	4	5	4	4	PL	Rough fruit; variable fruit size and shape; soft with concentric cracking
DT-03-70	D. Palmer	slicer	medium	D	UR	6.5	8	red	5	6	7	5	F1	Multilocular fruit; some with blossom-end rot; good internal color
DT-03-71	D. Palmer	slicer	medium	D	UR	6	9	red	5	7	6	7	F1	Firm, meaty fruit with good internal color; acidic and slightly sweet
Early Girl	Territorial	slicer	medium early	I	GS	6.5	6.5	red	7	7	6	7	F1	Medium-firm fruit with small stem scar; sweet
Emperador	Harris	slicer	medium late	D	UR	7.5	9	red	5	7	5	4	F1	Soft fruit with many rotting
Equinox	Agrisales	slicer	medium	D	UR	6	9	red	4	6	6	6	F1	Soft fruit

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Esteva	Johnny's	slicer	medium	I	UR	6	7	red	7	4	6	4	F1	Smooth fruit with thick wall
Evergreen	Nichols	slicer	late	I	GS	5	9	yellow-green	8	3	7	2	PL	Very rough, deep-lobed, multilocular fruit with blossom-end scarring; soft; acidic
First Pik	Harris	slicer	medium early	D	GS	5	6.5	red	6	7	4	5	F1	Slightly rough fruit; uneven ripening but good internal color; meaty
Floralina	Seminis	slicer	medium	D	UR	6.5	9.5	red	4	6	7	5	F1	Firm fruit; variable size
Gold Dust	Johnny's	slicer	medium	D	UR	6	7.5	orange	3	8	5	5	PL	Soft fruit; good internal color
Jet Star	Harris Moran	slicer	medium	I	GS	6.5	7.5	red	6	4	3	4	F1	Medium-firm, smooth fruit; bland flavor; sunburn
Johnny's 361	Johnny's	slicer	medium	D	GS	6.5	8.5	red	4	8	3	4	F1	Firm, meaty, multilocular fruit with thick wall; slight radial cracking; bland flavor
Leading Lady	Sunseeds	slicer	medium	D	UR	7.5	8.5	red	3	6	7	3	F1	Some blossom-end rot and scarring; fruit rotting on ground; slight radial cracking; good acid flavor
Legend	OSU	slicer	early	D	UR	5.5	8	red	4	8	7	8	PL	Concentrated early yield of large fruit; strong tendency for seedless fruit; late blight-resistant
Lemon Boy	Nichols	slicer	medium late	I	GS	8	7	yellow	8	3	7	5	F1	Slightly rough, three-lobed fruit; oblate to globe; sweet
Medford	OSU	slicer	medium	D	UR	6	8	red	6	7	7	6	PL	Medium firm fruit; good flavor
Oregon Spring	OSU	slicer	medium early	D	GS	5.5	8	red	5	7	6	5	PL	Concentrated early yield; strong tendency for seedless fruit; good, meaty texture; some rough fruit and blossom-end scarring
Pik Red	Harris Moran	slicer	medium	D	GS	6.5	9	red	3	6	6	5	F1	Firm, meaty, multilocular fruit; variable size; good, acid flavor
Pink Girl	Harris	slicer	late	I	GS	6	8	pink	8	5	5	4	F1	Very soft fruit
Quali T 23	Osborne	slicer	medium	D	UR	7	9	red	4	7	5	6	F1	Uniform fruit of good size
Quick Pik	Territorial	slicer	medium	I	GS	6.5	7	red	7	5	7	5	PL	Soft, big clusters; soft, acid flavor; some concentric cracks

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

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Black	Territorial	heirloom slicer	medium	I	GS	4.5	8.5	reddish-purple	7	3	7	3	PL	Rough fruit with blossom-end scarring and severe radial cracking; uneven internal color; good flavor is sweet and mildly acid
Black Prince	Nichols	heirloom slicer	medium	I	GS	5.5	7	reddish-brown	6	3	8	5	PL	Soft fruit with some concentric cracking; sweet with some acid
Brandywine	Burpee	heirloom slicer	late	I	GS	6	11	pink	8	3	6	3	PL	Multilocular fruit; relatively smooth with some blossom-end scarring and big, solid core; potato leaf foliage
Brandywine	Territorial	heirloom slicer	medium late	I	GS	6	12	pink	8	3	4	3	PL	Oblate fruit with severe blossom-end scarring; very meaty interior; early, large size diminishes quickly; bland flavor
Brandywine	Johnny's	heirloom slicer	medium	I	GS	6.5	10.5	pink	8	2	4	2	PL	Rough fruit with severe blossom-end scarring; very meaty; fruit rotting on ground
Cherokee Purple	Johnny's	heirloom slicer	medium	I	GS	6	8.5	dark pink	6	4	7	3	PL	Firm fruit with some concentric cracking; sun burning
Costaluto Genovese	Territorial	heirloom slicer	medium early	I	GS	5	8	red	6	6	4	4	PL	Very rough fruit with radial cracking; sun burning; fruit is soft and somewhat hollow
Manitoba	Territorial	heirloom slicer	medium	D	UR	6	6	red	2	7	5	2	PL	Soft fruit; sun burning
Mortgage Lifter	Nichols	heirloom slicer	medium	I	GS	5.5	10	pink	8	3	6	2	PL	Rough, oblate fruit with blossom-end scarring and deep shoulders; soft; rots on ground; good, acidic flavor
Persimmon	Territorial	heirloom slicer	medium late	I	GS	7	9	yellow-orange	7	2	4	3	PL	Radial cracking; meaty interior; low acid
Prudens Purple	Johnny's	heirloom slicer	medium late	I	GS	6.5	9.5	dark pink	7	3	4	2	PL	Sprawling plant; rough fruit with cracking and blossom-end scarring; meaty; low acid
Purple Calabash	Territorial	heirloom slicer	medium	I	GS	3	8.5	pink	9	3	3	1	PL	Sprawling plant with exposed fruit; severe blossom-end scarring; murky pink interior with dark pulp; acid flavor
Tiger-Like	Territorial	heirloom slicer	medium early	I	UR	4	4.5	red with yellow stripes	7	5	3	3	PL	Sprawling plant, open at center; soft fruit

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Yellow Brandywine	Johnny's	heirloom slicer	late	I	GS	6	10	orange	9	3	7	3	PL	Very oblate multilocular fruit with severe blossom-end scarring; unique flavor is rich and acidic; potato leaf foliage; fruit rots on ground
Principe Borghese	Johnny's	heirloom small sauce	medium	D	GS	3.5	3	red	3	9	3	4	PL	Very high yield for plant size
Schimmeig Striped Hollow	Territorial	heirloom stuffer	late	I	GS	5.5	8	red with yellow stripes	8	7	5	5	PL	Immature fruit is green-striped; fruit is bell pepper-shaped and hollow
Peron Sprayless	Territorial	heirloom slicer	medium late	I	GS	6	8.5	red	7	3	4	3	PL	Soft fruit seems to rot on the ground as it ripens; oblate; variable size; low acid
Seattle's Best of All	Territorial	heirloom small slicer	medium	I	GS	5.5	5.5	red	8	5	6	4	PL	Sprawling, open plant; soft fruit with good, acidic flavor

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Watermelons¹

Variety	Source	Flesh Color	Rind Color	Fruit Length (cm)	Fruit Width (cm)	Rind Thickness (cm)	Disease ²	Yield ³	Seed Color	Brix ⁴	Overall Score ³	Cultivar Type ⁵	Notes
Afternoon Delight	D. Palmer	pale red	dark green/light stripe	23.5	21.5	1.5	6	3	black	10.8	4	F1	
Butterball	D. Palmer	pale yellow	dark green/thick light stripe	22	23	1.5	4	4	seedless	11.4	4	F1	Poor flavor
Compadre	D. Palmer	dark pink	dark green/light stripe	27.5	23.5	1.2	3	5	black	10.8	5	F1	
Constitution	Sunseeds	dark pink	dark green	27.5	24	1.1	4	6	seedless	11.4	6	F1	Internal cavities; fair flavor
Crimson Delight	Harris	dark pink	dark green/light stripe	23.5	21	1.8	3	5	brown	10.0	6	F1	Flesh developing cavities early
Dillon	Hazera	pink	dark green/light stripe	31	23	2.2	5	5	black	11.8	6	F1	Vigorous vines; good, sweet flavor
Freedom	Sunseeds	pale red	dark green/broad stripe	33.5	21	2.0	5	7	seedless	12.0	7	F1	Some interior cracking; good flavor
HA 5003	Hazera	orange-pink	dark green/thin stripe	29	27.5	1.4	3	6	seedless	10.2	7	F1	Some interior cavities; grainy texture
HA 5104	Hazera	orange-pink	dark green/broad stripe	20.5	20	1.7	5	5	seedless	11.4	6	F1	Firm flesh; good flavor
HA 5116	Hazera	dark red	dark green	19	19.5	1.5	2	7	seedless	11.2	7	F1	Firm, fine-textured flesh; very good flesh color
HA 6008	Hazera	dark red	dark green/light stripe	17	16.5	1.4	4	5	seedless	10.8	6	F1	Attractive fruit with good flavor
HA 6033	Hazera	red	dark green/light stripe	29.5	24.5	1.5	2	7	seedless	12.2	4	F1	Very late; vigorous vines
Imagination	Syngenta	red	dark green	17	18	2.0	7	3	black	10.2	3	F1	Bland flavor
Jamboree	Syngenta	pink	dark green/light stripe	37	23	2.0	5	5	black	9.4	6	F1	Good flavor
Millennium	Harris Moran	pink	dark green	22.5	20	1.2	8	7	seedless	9.6	6	F1	Good flavor
Minipool	Hazera	orange-red	light green	22	20	1.2	7	5	black	10.4	4	F1	
Montreal	Sunseeds	salmon-pink	glossy dark green/ thin stripe	26.5	21	1.6	3	8	black	10.0	7	F1	Fair flavor
Revolution	Sunseeds	orange-pink	dark green/light stripe	34	20	1.1	5	6	seedless	11.8	7	F1	Fair flavor
Smile	Takii	pale red	dark green/broad stripe	20	18	0.5	8	4	brown	11.8	4	F1	

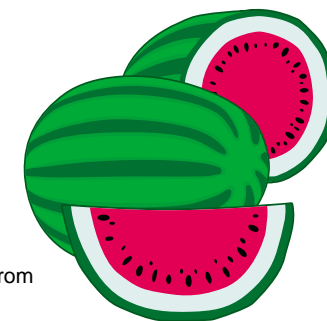
¹Direct seeded June 4 with 60" row spacing.

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

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

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

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



Watermelons¹

Variety	Source	Flesh Color	Rind Color	Fruit Length (cm)	Fruit Width (cm)	Rind Thickness (cm)	Disease ²	Yield ³	Seed Color	Brix ⁴	Overall Score ³	Cultivar Type ⁵	Notes
Sorbet Swirl	Johnny's	yellow-pink	dark green/broad stripe	25.5	24	0.8	7	7	black	11.0	3	F1	Fruit cracks and splits; fair flavor
Stars 'N Stripes	Seminis	dark pink	dark green/light stripe	41	21.5	1.6	3	8	black	10.8	7	F1	Good flavor
Sugar Baby	Rupp	red-orange	dark green	21	19	1.4	8	3	brown	9.0	2	OP	Poor flavor; vine dead
Sweet Beauty	Known-You	orange-red	medium green/light stripe	26	17	1.0	7	4	black	12.2	5	F1	Interior cracking; odd, tomato-like flavor
Sweet Diane	Nichols	orange-pink	dark green/broad stripe	27	23.5	1.5	6	8	brown	10.0	7	F1	
Sweet Eat 'N	D. Palmer	orange-pink	dark green/light stripe	23	20.5	1.9	6	3	seedless	12.0	6	F1	Good sweet flavor
Tiger Baby	Seminis	pale pink	dark green/broad stripes	21	20	1.5	3	7	brown	11.2	5	F1	Some hollowness
Treasure Chest	Rupp	pale yellow	dark green/light stripe	18	19.5	1.3	4	4	seedless	10.0	5	F1	Bland flavor
Triple Crown	Rupp	dark pink	medium green/light stripe	26	22	1.5	4	4	seedless	10.2	7	F1	Good flavor; solid interior
Triple Prize	Rupp	dark pink	medium green/light stripe	24	21	2.5	5	4	black	10.6	4	F1	
Valdoria	Sunseeds	red-orange	dark green	18.5	17	1.2	8	5	seedless	9.2	3	F1	Vines dead; sunburned tomato-like flavor
WN-02-31	D. Palmer	yellow	dark green/light stripe	18	21.5	2.3	5	7	seedless	11.2	3	F1	Hollow cavity; poor flavor
Yellow Doll	Nichols	bright yellow	dark green/broad stripe	18	16	0.8	2	8	black	10.0	7	F1	Vigorous plant; mild flavor

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