

Vegetable Variety Trials

2001

EM 8777 • Revised April 2002



OREGON STATE UNIVERSITY

EXTENSION SERVICE

Contents

Broccoli	1
Cabbage	3
Carrots	5
Cauliflower	7
Corn, Sugary Enhanced and Sweet	8
Corn, Supersweet	10
Eggplants	12
Melons	14
Onions	17
Peppers, Bell	18
Peppers, Miscellaneous	21
Pumpkins and Ornamental Gourds	24
Squash, Winter	27
Tomatoes	30
Watermelons	37

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.orst.edu, or write to Extension & Station Communications, Oregon State University, 422 Kerr Administration, Corvallis, OR 97331-2119; email: puborders@orst.edu; phone: 541-737-2513.

Notes were not obtained on all varieties provided by seed companies or other sources.

Authors

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

Sources of Varieties

- *Abbott and Cobb, Inc., PO Box 307, Feasterville, PA 19047
- *Agrisales, Inc., PO Box 2060, Plant City, FL 33564
- *Asgrow Seed Co., @ Seminis Vegetable Seeds, 2700 Camino del Sol, Oxnard, CA 93030-7967
- W. Atlee Burpee Company, 300 Park Avenue, Warminster, PA 18991
- *Bejo Zaden, PO Box 9, Dorpsstraat 612, 1722 ZG, Noordschardwoude, Holland
- BHN Research-Transgro, 3315 S.R. 29 South, Immokalee, FL 34142
- *Crookham Company, PO Box 520, Caldwell, ID 83606
- *Daehnfeltd, Inc., PO Box 947, Albany, OR 97321
- *D. Palmer Seed Company, 8269 South Highway 95, Yuma, AZ 85365
- Garden City Seeds, 778 US Highway 93 N, Hamilton, MT 59840
- Grimes Seeds, 201 West Main, Smethport, PA 16749
- Gurney's Seed and Nursery, 110 Caprial St., Yankton, SD 57078
- *Harris Moran Seed Co., PO Box 4938, Modesto, CA 95352-4938
- Harris Seed, PO Box 24966, Rochester, NY 14624-0966
- *Hazera Quality Seeds, 1369 East Ave., Chico, CA 95926
- *Hollar & Company, Inc., PO Box 106, Rocky Ford, CO 81067
- *Hungnong Seed, 1081 A Harkins Rd., Salinas, CA 93901
- Johnny's Selected Seeds, 380 Foss Hill Rd., Albion, ME 04910-9731
- *Known-You Seed Co., Ltd., 26 Chung Cheng 2nd Rd., Kaohsiung, Taiwan, Republic of China
- Liberty Seed Co., 461 Robinson Drive SE, PO Box 860, New Philadelphia, OH 44663-0806

- LSL Biotechnologies, Inc., Zion Cohen, Moshav Tekuma #24, Doar-Na Hanegev 85210, Israel
- Nichols Garden Nursery, 1190 North Pacific Highway, Albany, OR 97321
- Oregon State University, J.R. Myers, Dept. of Horticulture, ALS 4017, Corvallis, OR 97331-7304
- *Orsetti Seed Co., Inc., PO Box 2350, Hollister, CA 95024
- *Osborne International Seed Co., 1679 Highway 99 S, Mount Vernon, WA 98273
- Park Seed Co., 1 Parkton Ave., PO Box 31, Greenwood, SC 29647-0001
- *PetoSeeds @ Seminis Vegetable Seeds, 2700 Camino del Sol, Oxnard, CA 93030-7967
- Pinetree Garden Seeds, Box 300, New Gloucester, ME 04260
- *Pureline Seeds, PO Box 8866, Moscow, ID 83843-1366
- *Reeds Seeds, 3334 NYS Route 215, Cortland, NY 13045-9440
- *Rogers Seed Co., PO Box 4188, Boise, ID 83711
- *Rupp Seeds, Inc., 17919 County Road B, Wauseon, OH 43567
- *Sakata Seed America, Inc., 18095 Serene Rd., Morgan Hill, CA 95038-0880
- *Seeds by Design, Inc., 130 N. Butte St., Suite C, Willows, CA 95988
- Seeds of Change, PO Box 15700, Santa Fe, NM 87506-5700
- *Seminis Vegetable Seeds, 2700 Camino del Sol, Oxnard, CA 93030-7967
- Siegers Seed Co., 13031 Reflections Dr., Holland, MI 49424-7217
- Stokes Seeds, PO Box 548, Buffalo, NY 14240-0548
- *Sunseeds, PO Box 2078, Morgan Hill, CA 95038-2078
- Syngenta, PO Box 4188, Boise, ID 83711
- *Takii @American Takii, 301 Natividad Rd., Salinas, CA 93906
- Territorial Seed Company, PO Box 157, Cottage Grove, OR 97424-0061
- University of New Hampshire, Brent Loy, Dept. of Plant Biology, Rudman Hall, 46 College Rd., Durham, NH 03824
- *Vilmorin, Inc., PO Box 707, Empire, CA 95319
- Zion Farm, Zion Cohen, Moshav Tekuma #24, Doar-Na Hanegev 85210, Israel
- *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.

© 2002 Oregon State University. This publication may be photocopied or reprinted in its entirety for noncommercial purposes.

Produced and distributed in furtherance of the Acts of Congress of May 8 and June 30, 1914. Extension work is a cooperative program of Oregon State University, the U.S. Department of Agriculture, and Oregon counties. Oregon State University Extension Service offers educational programs, activities, and materials—without discrimination based on race, color, religion, sex, sexual orientation, national origin, age, marital status, disability, or disabled veteran or Vietnam-era veteran status. Oregon State University Extension Service is an Equal Opportunity Employer.

Published March 2001. Revised April 2002.

Broccoli

Variety	Source	Maturity Date	Overall Score ¹	Plant Height (cm)	Head Diameter (cm)	Head Shape ²	Head Color ³	Bead Size ⁴	Stem Color ³	Head Exsertion ⁵	Head Segment ⁶	Plot Uniform. ¹	Branching ⁷	Notes ^{8,9}
Arcadia	Sakata	27 Sep	5	47	13	5	5	1	3	3	5	5	1	Bland flavor; hint of sweetness
Barbados	Harris Moran	27 Sep	3	43	15	4	5	2	4	3	3	7	1	No bitterness, but not sweet
Bonanza	Burpee	12 Sep	1	33	11	3	3	3	3	1	1	5	1	Very early but with small, flat, rough heads with coarse beads; uneven floret development; mild flavor; slight bitterness; not sweet
Centauro	Takii	28 Sep	1	39	15	5	3	1	3	3	7	3	1	Mild and slightly sweet
De Cicco	Johnny's	5 Oct	1	63	12	3	5	3	5	5	7	1	9	
Excelsior	Harris Moran	28 Sep	6	47	14	4	5	2	5	6	7	7	1	
FMX 286	Harris Moran	27 Sep	3	32	16	4	5	1	3	1	5	4	1	Uneven floret development; flavor moderately sweet, bland
Genji	Johnny's	28 Sep	7	45	15	6	5	1	4	6	8	3	1	Sweet; slightly bitter
Green Jewel	Johnny's	28 Sep	3	31	14.5	4	7	3		4	1	7	1	Strong flavor; sweet and slightly bitter; okay for home gardens
Legend	Sakata	20 Sep	5	46	13	4	5	2	5	3	1	5	1	
Minaret	Territorial	7 Nov	1	45	13	1	1	1	1	3		5	1	Romanesco type
Montecristo	Takii	28 Sep	5	42	12	7	5	2	5	5	7	5	1	Cabbage flavor; slow head development
Packman	Nichols	14 Sep	5	34	14	4	3	2	5	3	1	7	1	Early and uniform; mild flavor; slightly sweet with sharp aftertaste
Pinnacle	Harris	28 Sep	3	45	15.5	5	5	1	5	5	7	5	1	Strong, sweet flavor
Premium Crop	Nichols	25 Sep	3	34	13	3	5	3	5	1	5	5	1	Mild and slightly sweet

Planted July 10, 2001, Corvallis, Oregon.

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

²Scores based on 1–9 scale where 1 = concave, 3 = flat, and 9 = extreme dome. Domed heads are preferred because water tends to run off them, leading to less head rot.

³Scores based on 1–9 scale where 1 = yellow-green and 9 = dark blue-green. Uniform, dark blue-green color is preferred by processors.

⁴Scores based on 1–9 scale, where 1 = large, coarse beads and 9 = small, refined beads. Beads are the individual, unopened flower buds that make up a broccoli head.

⁵Scores based on 1–9 scale 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.)

⁶Scores based on 1–9 scale where 1 = uniform 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 1–9 scale where 1 = no branching and 9 = many well developed branches.

⁸Rosetting refers to the formation of a large ring of florets surrounding smaller (and sometimes discolored) florets.

⁹Romanesco types (also referred to as Romanesco cauliflower) are characterized by heads with pointed, spiraling segments.



Broccoli

Variety	Source	Maturity Date	Overall Score ¹	Plant Height (cm)	Head Diameter (cm)	Head Shape ²	Head Color ³	Bead Size ⁴	Stem Color ³	Head Exsertion ⁵	Head Segment ⁶	Plot Uniform. ¹	Branching ⁷	Notes ^{8,9}
Regal	Harris Moran	14 Sep	3	31	13	4	5	2	1	3	1	1	1	Short and early; slightly sweet
Rosalind	Territorial	5 Oct	3	39	15	4	7	4	1	1	5	3	1	Purple; very fine texture; strong cabbage flavor with a bite
San Miguel	Johnny's	28 Sep	3	49	19	3	4	1	4	5	7	7	1	Sweet; slightly bitter; uneven floret development
Shogun	Territorial	5 Oct	3	52	15	4	5	1	3	5	5	5	5	Strong cabbage flavor
Small Miracle	Territorial	27 Sep	3	35	13	4	3	2	3	3	3	3	1	Sweet and mild
Southern Comet	Burpee	14 Sep	5	33	12	4	3	3	3	1	1	1	1	Almost as early as Bonanza with better looking heads; okay for early home garden niche; bland flavor
Sultan	Sakata	28 Sep	3	42	14	4	5	2	5	5	3	5	1	Mild and bland
Sussex	Rogers	28 Sep	6	45	16	6	6	1	3	5	5	7	1	Sweet and mild; slight aftertaste
Tower	Johnny's	17 Oct	5	42	15	7	3	1	1	1	5	5	1	Striking Romanesco type; lime green; strong flavor
Umpqua Dark Green	Territorial	14 Sep	1	37	15	4	5	3	2	1	1	1	1	Variable; rosetting and variable bead maturity; slightly bitter flavor; okay for home gardens
Windsor	Johnny's	20 Sep	4	42	14	5	5	1.5	5	4	3	4	1	

Planted July 10, 2001, Corvallis, Oregon.

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

²Scores based on 1–9 scale where 1 = concave, 3 = flat, and 9 = extreme dome. Domed heads are preferred because water tends to run off them, leading to less head rot.

³Scores based on 1–9 scale where 1 = yellow-green and 9 = dark blue-green. Uniform, dark blue-green color is preferred by processors.

⁴Scores based on 1–9 scale, where 1 = large, coarse beads and 9 = small, refined beads. Beads are the individual, unopened flower buds that make up a broccoli head.

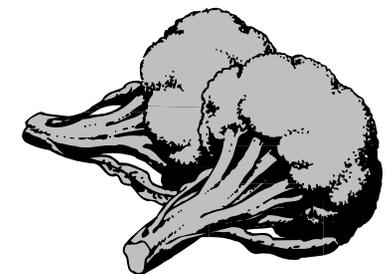
⁵Scores based on 1–9 scale where 1 = little exsertion and 9 = very exserted. (Head exsertion refers to how far the heads are held above the leaves; important for mechanical harvest.)

⁶Scores based on 1–9 scale where 1 = uniform 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 1–9 scale where 1 = no branching and 9 = many well developed branches.

⁸Rosetting refers to the formation of a large ring of florets surrounding smaller (and sometimes discolored) florets.

⁹Romanesco types (also referred to as Romanesco cauliflower) are characterized by heads with pointed, spiraling segments.

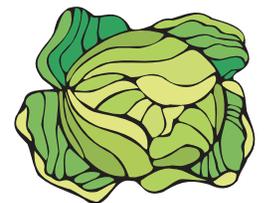


Cabbage

Variety	Source	Maturity Date	Overall Score	Head Height (cm)	Head Width (cm)	Core Length (cm)	External Color	Internal Color	Head Density	Uniformity	Notes
Fresh-market											
Arrowhead	Johnny's	5 Oct	7	27.5	19.0	10.5	Green	Cream	6	7	Sweet and mild
ATX-151	Takii	5 Oct	5	16.0	18.0	6.5	Green	Cream	7	7	Not sweet
Augusta	Rogers	20 Nov	3	18.0	21.0	12.0	Green	Cream	7	7	Strong flavor
Badger Shipper	Harris Moran	9 Nov	7	17.0	18.0	8.5	Blue green	White	9	5	
Columbia	Johnny's	5 Oct	5	18.5	21.0	10.0	Green	Cream	5	5	Mild and sweet
Early Jersey Wakefield	Peto	17 Oct	3	20.0	15.0	6.0	Medium green	Light green	3	3	Strong spicy flavor
Fast Vantage	Sakata	5 Oct	7	18.0	21.0	7.0	Yellow green	Cream	7	7	Sweet and pleasant
Golden Cross	Takii	14 Sep	5	15.5	13.5	4.0	Yellow green	White	5	5	Mild but bland; small heads; very early; compact frame
Izalco	Rogers	20 Nov	7	21.5	19.5	11.5	Green	Cream	7	5	Fairly mild
Jersey Queen	Harris Moran	30 Oct	7	25.0	19.0	10.0	Yellow green	White	7	7	
Pacifica	Sakata	20 Nov	7	19.5	21.5	8.5	Green	Cream	9	5	Very sweet
Primax	Johnny's	5 Oct	9	19.0	20.0	6.5	Green	Cream	5	7	Sweet and mild
Red Acre	Harris	9 Nov	9	18.0	16.0	7.0	Purple	Red	9	9	
Red Jewel	Sakata	20 Nov	7	15.0	17.5	8.0	Dark purple	Red	5	7	Very mild
Red Rookie	Sakata	20 Nov	7	16.0	21.0	7.5	Purple	Red	7	7	Sweet and mild
Regal Red	Johnny's	20 Nov	7	18.0	17.5	8.5	Purple	Red	3	7	Mild afterbite
Rio Grande	Orsetti	20 Nov	5	18.0	21.0	8.5	Purple	Red	5	5	
Rocket	Johnny's	5 Oct	3	17.5	21.0	11.0	Green	Cream	3	7	Sweet and mild; afterbite
Ruby King	Takii	20 Nov	7	16.0	18.0	8.0	Purple	Red	7	5	
Ruby Perfection	Johnny's	20 Nov	5	18.0	19.5	11.0	Dark purple	Red	3	7	Fairly mild flavor
Super Red 80	Johnny's	20 Nov	5	17.0	20.5	12.0	Purple	Red	5	5	Mild and sweet
Supreme Vantage	Sakata	5 Oct	3	20.0	21.0	11.0	Green	Cream	5	7	

Planted July 10, 2001, Corvallis, Oregon.

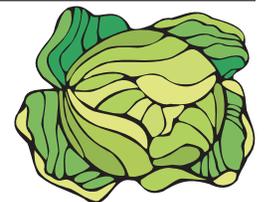
Scores based on 1–9 scale with 9 = best.



Cabbage

Variety	Source	Maturity Date	Overall Score	Head Height (cm)	Head Width (cm)	Core Length (cm)	External Color	Internal Color	Head Density	Uniformity	Notes
Savoy											
Bountivoy	Reed	20 Nov	7	20.0	22.0	10.5	Green	Cream	7	7	Very mild savoy taste
Savoy King	Sakata	20 Nov	7	15.0	22.0	10.0	Green	Cream	7	7	Thin leaves; sharp flavor
Solid Savoy	Rogers	20 Nov	9	20.0	24.0	12.0	Green	Cream	7	9	Fairly mild for a savoy
Storage											
Blue Thunder	Siegers	9 Nov	7	20.0	23.0	11.0	Green	Yellow green	7	7	
Crown	Johnny's	1 Jan	5	20.0	18.5	13.5	Green	Cream	3	3	Very late; very tall; very mild flavor
Fortress	Harris Moran	20 Nov	7	18.0	20.0	8.0	Green	Cream	5	7	Very mild
Green Cup	Reed	20 Nov	5	16.0	21.0	8.5	Green	Cream	7	5	
HMX 3228	Harris Moran	20 Nov	3	16.0	21.0	10.0	Purple	Red	3	3	Small heads
Roulette	Johnny's	20 Nov	3	21.0	23.0	9.5	Green	Cream	5	3	Strong flavor
Royal Vantage	Sakata	20 Nov	7	19.0	20.0	8.5	Green	Cream	7	5	Sweet and mild flavor
Solid Blue 780	Abbot & Cobb	20 Nov	5	18.0	20.0	10.0	Green	Cream	7	3	Slightly sweet and sour
Solid Blue 790	Abbot & Cobb	20 Nov	3	17.0	22.5	8.5	Green	Cream	3	3	
Storage Hybrid #4	Reed	1 Jan	5	20.0	22.0	12.0	Green	Cream	5	3	Long, thick core; sweet and mild
Supergreen	Reed	20 Nov	7	18.0	22.5	8.5	Green	Cream	7	5	Long stalk; some flat heads; sweet; slight afterbite
Talisman	Harris Moran	20 Nov	9	21.0	23.0	11.0	Green	Cream	9	7	Sweet taste; afterbite
Vantage Point	Johnny's	9 Nov	5	19.0	20.0	10.5	Green	Cream	7	5	
Storage/processing											
Stein's Late Flat Dutch	Territorial	20 Nov	5	14.5	28.0	8.0	Green	Cream	5	5	Peppery taste
Processing											
Blue Vantage	Abbot & Cobb	20 Nov	5	24.0	29.0	8.0	Green	Cream	5	5	Mild flavor with afterbite

Planted July 10, 2001, Corvallis, Oregon.
Scores based on 1–9 scale with 9 = best.



Carrots

Variety	Source	Type	Overall Score ¹	Color	Root Length (cm)	Root Diameter (cm)	Top Vigor ¹	Disease ²	Cracking & Defects ³	Notes ^{4,5}
Apache	Sunseeds	Imperator	7	Orange	19.0	3.0	5	1	1	
Beta Sweet	Texas A&M	Nantes	7	Purple	13.0	3.5	7	5	5	2 bolters; purple color penetrates to core
Bolero	Osborne	Nantes	7	Orange	23.0	4.0	7	3	1	Sweet, good flavor; uniform
Choctaw	Sunseeds	Imperator	7	Orange	27.0	3.0	7	1	1	
Danvers	Territorial	Danvers	7	Orange	16.0	6.0	7	3	2	1 bolter
Danvers 128	Harris Moran	Danvers	7	Orange	20.0	5.5	7	3	1	High yield
Flakkee Trofeo	Territorial	Danvers	5	Orange	20.0	5.5	7	5	3	
Health Master	Nichols	Danvers	5	Orange	17.5	5.5	5	5	3	Poor flavor
Indiana	Bejo	Imperator	9	Orange	37.0	3.0	5	3	1	Small core; strong but sweet flavor
Ivanhoe	Bejo	Imperator	3	Orange	27.0	2.5	7	3	7	Bland flavor
Kinko	Sakata	Kuroda	5	Orange	19.0	5.0	7	3	5	Good flavor
Kuttiger	Territorial	Chantenay	1	Pale yellow	17.0	8.5	7	7	3	1 bolter
Nantindo	Harris	Nantes	9	Orange	18.0	3.5	5	1	1	
Napa	Territorial	Nantes	9	Orange	15.0	3.5	5	3	1	
Nelson	Territorial	Nantes	7	Orange	19.0	4.0	3	3	3	Some impact cracking
Nutri-Red	Territorial	Imperator	1	Red	16.0	4.0	1	9	9	Lycopene type; poor flavor
Parmex	Johnny's	Mini	7	Orange	7.0	5.0	3	7	1	
Primecut 59	Sunseeds	Imperator	5	Orange	21.5	3.5	7	1	5	Good flavor; some impact cracking
Purple Dragon	Nichols	Danvers	3	Purple epidermis, orange interior	13.0	4.0	3	9	5	2 bolters; poor taste
Rex 190	Sakata	Danvers	3	Orange	17.0	3.0	7	3	7	Mildly sweet
Rodelika	Territorial	Nantes	3	Orange	12.0	5.0	3	7	3	

Planted June 19, 2001, Corvallis, Oregon.

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

²Disease scores (aster yellows) based on 1–9 scale with 9 = most severely infected.

³Scores based on 1–9 scale with 1 = few cracks and 9 = many.

⁴Impact cracking refers to the tendency for roots to crack when struck lightly against the ground or a shovel (for example, when knocking dirt off the carrot).

⁵Lycopene is a carotenoid most commonly found in tomatoes.



Carrots

Variety	Source	Type	Overall Score ¹	Color	Root Length (cm)	Root Diameter (cm)	Top Vigor ¹	Disease ²	Cracking & Defects ³	Notes ^{4,5}
Royal Chantenay	Territorial	Chantenay	5	Orange	15.0	8.0	7	1	5	Large core
Scarlet Wonder	Takii	Kuroda	1	Red	30.0	6.0				All bolted
Six Pak II	Harris Moran	Imperator	7	Orange	18.0	5.0	5	1	1	
Sugarsnax 54	Sunseeds	Imperator	7	Orange	20.0	4.0	3	1	3	Poor color; not sweet
Thumbelina	Territorial	Mini	5	Orange	6.5	7.5	3	1	3	2 bolters
Tripleplay 58	Sunseeds	Danvers	7	Orange	20.0	5.5	5	3	1	Good flavor
White Belgium	Nichols	Novelty	3	White (green aboveground)	24.0	5.0	9	5	7	Mostly bolted

Planted June 19, 2001, Corvallis, Oregon.

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

²Disease scores (aster yellows) based on 1–9 scale with 9 = most severely infected.

³Scores based on 1–9 scale with 1 = few cracks and 9 = many.

⁴Impact cracking refers to the tendency for roots to crack when struck lightly against the ground or a shovel (for example, when knocking dirt off the carrot).

⁵Lycopene is a carotenoid most commonly found in tomatoes.



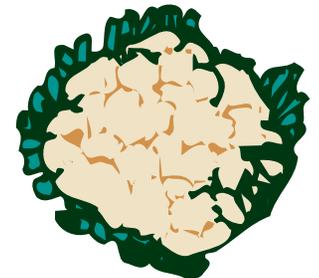
Cauliflower

Variety	Source	Maturity date	Overall Score ¹	Head Length (cm)	Head Width (cm)	Solidity ¹	Color	Wrapper Leaves ²	Uniformity ¹	Notes
Alverda	Johnny's	9 Nov	5	6.5	9.5	7	Green	3	5	Very late
Amazing	Johnny's	5 Oct	5	6.0	11.0	5	White	5	5	Sweet, very pleasant taste
Apex	Harris Moran	9 Oct	7	8.5	16.0	7	Cream	7	5	Slight bite
Artica	Harris Moran	17 Oct	5	9.0	16.0	5	White	9	7	Excellent wrapper leaves but poor solidity
Callisto	Johnny's	5 Oct	7	7.5	14.0	5	White	7	5	Lightly spicy
Candid Charm	Sakata	5 Oct	7	7.0	12.5	7	Cream	7	7	Not sweet but a slight bite
First White	Burpee	25 Sep	5	7.5	14.0	5	Cream	3	3	Very mild flavor
Icon	Harris Moran	9 Oct	3	7.5	13.0	7	White	5	3	Susceptible to downy mildew
Majestic	Sakata	18 Sep	3	12.0	6.0	7	Off-white	3	5	Purple stems; fine for early home gardens, but no cover to protect head from sunlight
McKinley	Peto	9 Nov	7	8.0	13.5	3	White	7	7	Sweet, mild flavor
Orange Bouquet	Johnny's	5 Oct	5	7.5	13.0	3	Pale orange	3	3	Hollow center; orange in center; sweet and mild flavor
Panther	Johnny's	5 Oct	5	6.0	9.5	7	Green	3	7	Lightly spicy; nice frame
Self Blanch	Reed's	17 Oct	7	8.0	13.0	9	White	7	3	Spicy flavor
Snow Crown	Takii	28 Sep	3	8.0	14.0	5	White	3	7	Purpling on floret stems; very mild flavor; nice home garden variety but too purple for processing
Snow Man	Harris Moran	7 Nov	7	7.0	14.0	9	White	7	3	Sweet
Snow Mystique	Takii	9 Oct	5	9.0	14.0	5	Cream	7	5	Sweet with a slight bite
Snowball	Harris Moran	17 Oct	7	7.5	13.0	7	White	7	7	
Starbrite X	Abbot & Cobb	9 Oct	7	9.5	16.0	7	Cream	9	3	Mild, sweet flavor
Symphony	Siegers	9 Oct	5	9.0	13.5	3	White	7	5	Sweet and mild
White Magic	Sakata	9 Oct	7	7.5	13.5	7	Cream	7	5	Sweet and mild

Planted July 10, 2001, Corvallis, Oregon.

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

²Scores based on 1–9 scale where 1 = open and 9 = head tightly wrapped at harvest stage.



Corn, Sugary Enhanced (se) and Sweet (su)

Variety	Source	Type ²	Days to Harvest	Tons/Acre	Ears/Plant	Lb/Ear	Ear Length (in) ¹	Ear Diam. (in) ¹	Kernel Depth (mm)	Pericarp Toughness ^{1,3}	Kernel Refinement ^{4,5}	Ear Unif. ^{4,6}	Flavor ⁴	Overall Score ⁴	Notes ⁷
Yellow															
Bon Appetit	Territorial	trsw	87	6.2	1.00	0.68	7.2	2.10	12	95	3	2.5	2.5	2	Variable, rough ears
Chase	Asgrow	se	92	6.2	0.93	0.63	8.1	2.05	11.5	86	3.5	3.5	4	3	Low yield
Cinch	Asgrow	su	105	7.7	0.97	0.82	7.5	2.26	15.6	104	3	4	2.5	3	Badly lodged; slightly coarse
Conquest	Crookham	su	104	7.7	1.13	0.66	8.0	2.01	12.5	97	3.5	3.5	4	3.5	Refined ears
EX 8452067	Asgrow	se	101	10.0	1.38	0.73	7.8	2.18	13.3	83	3	4	3	3	Good yield
GH 2385	Rogers	se	108	12.9	1.70	0.74	7.7	2.23	14.8	107	3	3.5	3.5	3.5	Very good yield
GH 2684	Rogers	se	98	9.5	1.48	0.62	8.1	2.04	13.0	91	3	3	4	3	Many usable second ears
Intrigue	Crookham	su	97	8.0	1.23	0.63	7.2	2.00	12.5	128	4	3.5	3.5	3.5	Not as much earworm damage as other varieties; uniform; chews tough
Jubilee	Rogers	su	101	8.4	1.25	0.65	7.7	2.03	13.0	81	4	3	4	3.5	
Legacy	Harris Moran	su	104	9.8	1.32	0.70	7.6	2.08	13.9	94	3.5	3	3	3	Good yield; some rough ears with jumbled rows
Legend	Harris Moran	se	87	6.2	1.19	0.55	7.1	2.00	11	101	3	3	4	3.5	Not as much earworm damage as other varieties
Sugar Ace	Harris Moran	sb	102	9.3	1.37	0.63	7.7	2.05	13	120	3	4	4	4	Very good yield; some curved ears
Sweet Cheeks	Harris Moran	se	84	4.9	1.54	0.34	6.6	1.70	10	79	3	2	2	2	Highly variable; some curved ears

Planted June 22, 2001, Corvallis, Oregon in rows 36 inches apart, thinned to 9 inches between plants.

All data were obtained from typical husked good ears.

¹For ear length, ear diameter, and tenderness, the value used for each replication was the average of 10 individual ear measurements.

²Endosperm type: su = normal sweet; se = sugary enhanced; trsw, sb = triple sweet or 'sweet breed' types (25% supersweet kernels), 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. Triple sweet types must be isolated from supersweets.

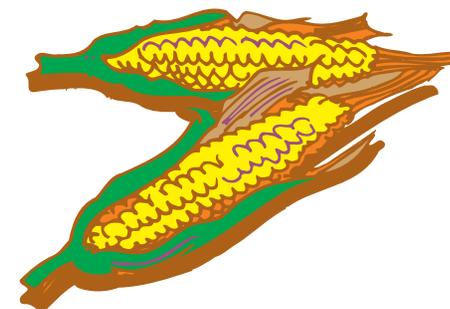
³Tenderness determined by a spring-operated puncture gauge; lower numbers indicate more tender pericarp.

⁴Scores based on 1–5 scale with 5 = best.

⁵Kernel refinement is a subjective measure of kernel size and uniformity. A higher number indicates smaller, more evenly sized kernels.

⁶Ear uniformity refers to the degree of variation among ears.

⁷Lodging refers to the tendency of plants to fall over.



Corn, Sugary Enhanced (se) and Sweet (su)

Variety	Source	Type ²	Days to Harvest	Tons/Acre	Ears/Plant	Lb/Ear	Ear Length (in) ¹	Ear Diam. (in) ¹	Kernel Depth (mm)	Pericarp Toughness ^{1,3}	Kernel Refinement ^{4,5}	Ear Unif. ^{4,6}	Flavor ⁴	Overall Score ⁴	Notes ⁷
Bicolor															
Double Choice	Harris Moran	se	87	5.8	1.38	0.44	7.3	1.75	10	79	3.5	3	4	3.5	Small ears; many usable second ears
Temptation	Asgrow	se	87	5.4	1.12	0.53	7	1.95	12	74	3	3.5	4.5	3.5	Many usable second ears
Trinity	Johnny's	se	84	5.1	1.21	0.40	6.8	1.75	10	90	2	3	5	3.5	Early; somewhat rough and uneven; very good flavor
White															
Brilliance	Harris Moran	se	101	8.0	1.10	0.69	7.9	2.10	12	80	4	3.5	4.5	3.5	Good yield; curved ears

Planted June 22, 2001, Corvallis, Oregon in rows 36 inches apart, thinned to 9 inches between plants.

All data were obtained from typical husked good ears.

¹For ear length, ear diameter, and tenderness, the value used for each replication was the average of 10 individual ear measurements.

²Endosperm type: su = normal sweet; se = sugary enhanced; trsw, sb = triple sweet or 'sweet breed' types (25% supersweet kernels), 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. Triple sweet types must be isolated from supersweets.

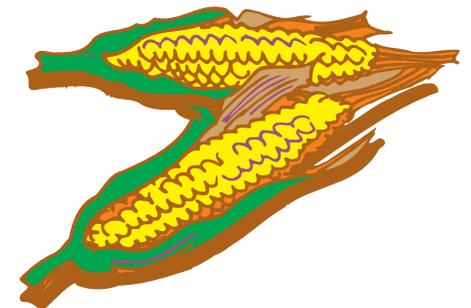
³Tenderness determined by a spring-operated puncture gauge; lower numbers indicate more tender pericarp.

⁴Scores based on 1–5 scale with 5 = best.

⁵Kernel refinement is a subjective measure of kernel size and uniformity. A higher number indicates smaller, more evenly sized kernels.

⁶Ear uniformity refers to the degree of variation among ears.

⁷Lodging refers to the tendency of plants to fall over.



Corn, Supersweet (sh₂)

Variety	Source	Days to Harvest	Tons/Acre	Ears/Plant	Lb/Ear	Length (in) ¹	Ear Diam. (in) ¹	Ear Depth (mm)	Kernel Pericarp Toughness ^{1,2}	Kernel Refinement ^{3,4}	Ear Unif. ^{3,5}	Flavor ³	Overall Score ³	Notes
Yellow														
08715812	Asgrow	102	6.2	1.07	0.59	8.1	1.95	12.0	127	3	2	4	2.5	
AC 6800R	Abbott & Cobb	87	5.8	1.04	0.59	8.0	1.95	11.0	112	2.5	2.5	3.5	3	Some curved
ACX 725	Abbott & Cobb	90	7.4	1.33	0.57	7.2	2.05	12.0	83	3	4	5	3.5	Very tender
ACX 728	Abbott & Cobb	90	6.4	0.96	0.65	7.8	2.00	12.0	146	3.5	2.5	3	3	
Diva	Asgrow	101	6.4	1.07	0.58	7.9	1.95	12.0	101	3	3	4	3.5	
EX 8492829	Asgrow	102	6.7	1.15	0.59	8.3	1.90	13.0	125	2.5	2	4	2	Variable, somewhat rough ears
GSS 9379R	Rogers	110	10.3	1.40	0.76	7.9	2.16	15.0	98	2.5	2.5	3	2.5	Good yield
HMX 8392S	Harris Moran	108	9.7	1.46	0.66	7.3	2.11	14.3	163	2.5	2.5	3	2.5	Tough
Northern Xtrasweet	Johnny's	84	7.1	1.14	0.59	8.8	1.85	11.0	151	1	3	3	2.5	Very coarse kernels; some curved ears
PLS 960	Pure Line	92	7.7	1.32	0.77	8.5	2.03	11.9	108	2	2	2.5	2.5	Some very curved ears
Rustler	Harris Moran	102	13.0	1.29	0.99	7.6	2.00	13.0	154	3	3	3	3	Tough
Sheba	Asgrow	87	5.9	1.07	0.58	8.3	1.83	12.0	80	2	2.5	2.5	2.5	Severe corn earworm damage; some oval ears; some curved ears
Stetson	Asgrow	98	7.8	1.31	0.57	7.3	2.00	11.0	119	3	2.5	3.5	3	
Sunvolt	Harris Moran	105	10.7	1.48	0.69	7.8	2.10	14.0	141	3	3	3.5	3.5	Many usable second ears
Supersweet Jubilee	Rogers	103	8.2	1.43	0.64	8.0	2.01	13.5	98	3.5	3.5	5	4	
Victor	Harris Moran	102	8.7	1.07	0.82	7.9	2.25	12.0	150	2.5	2	3	2.5	Coarse; tough

Planted June 22, 2001, Corvallis, Oregon in rows 36 inches apart, thinned to 9 inches between plants.

All data were obtained from typical husked good ears.

¹For ear length, ear diameter, and tenderness, the value shown is the average of 10 individual ear measurements.

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

³Scores based on 1–5 scale with 5 = best.

⁴Kernel refinement is a subjective measure of kernel size and uniformity. A higher number indicates small, more evenly sized kernels.

⁵Ear uniformity refers to the degree of variation among ears.



Corn, Supersweet (sh₂)

Variety	Source	Days to Harvest	Tons/Acre	Ears/Plant	Lb/Ear	Length (in) ¹	Ear Diam. (in) ¹	Ear Depth (mm)	Kernel Pericarp Toughness ^{1,2}	Kernel Refinement ^{3,4}	Ear Unif. ^{3,5}	Flavor ³	Overall Score ³	Notes
White														
AC 6801	Abbott & Cobb	87	6.7	1.11	0.60	8.0	1.90	11.0	119	3.5	2.5	3	3	Oval
Ice Queen	Harris Moran	97	7.2	0.97	0.68	7.6	2.10	13.0	112	4	2.5	3	3	Sweet but little corn flavor
Silver Dollar	Harris Moran	90	5.7	1.04	0.56	7.7	1.85	11.0	145	3	1.5	3	3	Some curved ears; tough
Sweet Magic	Harris Moran	90	5.4	1.00	0.53	7.3	1.95	11.0	116	3.5	3	3	3.5	Mildly sweet; good corn flavor
Bicolor														
AC 6802	Abbott & Cobb	87	5.8	0.93	0.59	7.8	1.90	11.0	115	3.5	3	4	3.5	Oval tendency
ACX 538	Abbott & Cobb	98	10.0	1.38	0.77	7.9	2.25	12.0	104	2.5	3.5	4	3	Many usable second ears; coarse
ACX 733	Abbott & Cobb	97	5.5	1.13	0.58	6.9	2.10	12.0	86	3	2.5	4.5	3	Tender; good sweet flavor
ACX 734	Abbott & Cobb	98	7.7	1.16	0.59	7.3	2.15	13.0	82	4	3.5	4.5	3	Rough; curved ears
Candy Corner	Harris Moran	97	10.4	1.62	0.61	7.2	2.05	12.0	155	3	3.5	4	3.5	Many good second ears; slight curve; tough
HMX 8344	Harris Moran	105	8.0	1.20	0.61	7.6	2.00	13.0	135	3	2.5	3	2.5	
Jumpstart	Territorial	90	5.8	1.03	0.53	7.8	1.85	10.0	127	2.5	2	3	2.5	Some curved ears; tough
Xtratender 270A	Johnny's	87	6.8	1.04	0.65	8.3	2.00	9.0	116	2	2	2.5	2	Coarse, very shallow kernels; very curved ears; oval

Planted June 22, 2001, Corvallis, Oregon in rows 36 inches apart, thinned to 9 inches between plants.

All data were obtained from typical husked good ears.

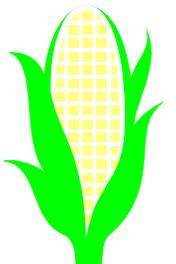
¹For ear length, ear diameter, and tenderness, the value shown is the average of 10 individual ear measurements.

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

³Scores based on 1–5 scale with 5 = best.

⁴Kernel refinement is a subjective measure of kernel size and uniformity. A higher number indicates small, more evenly sized kernels.

⁵Ear uniformity refers to the degree of variation among ears.



Corn, supersweet

Eggplants

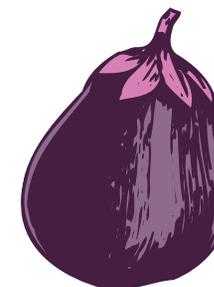
Variety	Source	Overall Score ¹	Fruit Color	Maturity	Fruit Shape	Fruit Length (cm)	Fruit Width (cm)	Yield ¹	Disease Severity ²	Plant Height (cm)	Plant Width (cm)	Notes ³
Bambino	Territorial	7	Black	Early	Round	4.0	3.5	7	3	37	53	Purple calyx; greenish interior
Black Bell	Johnny's	7	Black	Medium early	Egg	14.0	8.0	5	3	52	87	Spiny, green calyx; cream interior
Black Magic	Harris Moran	5	Black	Medium early	Egg	12.0	7.0	5	7	68	68	Spiny, calyx
Black Shine	Takii	7	Black	Very early	Pear	17.0	6.0	7	5	60	75	Smooth, purple calyx
Blue Marbles	Burpee	3	Deep purple	Medium early	Round	8.0	8.5	3	7	62	66	Spiny, purple calyx
Bride	Territorial	7	White	Early	Elongate	14.0	3.5	7	5	66	61	
Burpee Hybrid	Burpee	7	Black	Medium early	Egg	13.0	6.5	7	6	72	79	Spiny, green calyx; cream interior
Classic	Harris Moran	3	Black	Medium	Pear	15.0	6.0	3	7	60	70	Shiny; few spines; green calyx; cream interior
Cloud Nine	Nichols	5	White	Medium late	Egg	14.0	6.5	5	5	77	90	Spiny, green calyx; nice, white flesh
Dusky	Territorial	5	Black	Medium late	Pear	17.5	6.0	5	5	75	105	Green calyx; cream interior
Early Black	Garden City Seeds	5	Black	Early	Pear	10.5	7.0	7	7	70	70	Purple calyx; small fruit
Epic	Peto	5	Black	Medium early	Pear	16.0	5.5	5	5	78	79	Spiny calyx; nice, white interior
Farmers Long	Known You	6	Black	Early	Elongate	19.5	3.0	7	6	62	66	Smooth, purple calyx; cream flesh
Ichiban	Territorial	7	Black	Early	Elongate	19.0	5.0	7	9	70	73	Smooth, purple calyx
Kermit	Johnny's	1	Green with white stripe	Late	Round	4.0	4.5	1	7	50	47	Yellow-colored fruit when mature
Linda	Daehnfeldt	5	Black	Medium late	Pear	17.0	6.0	5	1	107	132	Spiny calyx
Louisiana Long Green	Johnny's	3	Green	Medium	Elongate	16.5	3.5	5	6	52	61	Smooth, green calyx; cream interior
Machiaw	Johnny's	5	Bright purple	Medium	Elongate	26.0	3.0	7	5	59	72	
Megal	Osborne	5	Black	Medium	Pear	15.0	5.0	5	3	90	92	Smooth calyx
Millionaire	Takii	5	Black	Medium early	Elongate	18.5	5.0	5	7	55	61	Smooth, purple calyx; cream interior

Transplants set out May 23, 2001, Corvallis, Oregon.

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

²Apparent Verticillium symptoms based on 1–9 scale with 1 = no symptoms and 9 = plants dead.

³The calyx is the set of sepals (remnants of the flower) on the stem end of the fruit.



Eggplants

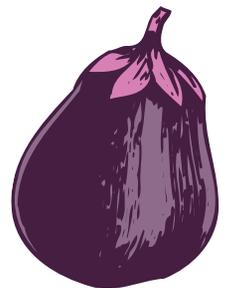
Variety	Source	Overall Score ¹	Fruit Color	Maturity	Fruit Shape	Fruit Length (cm)	Fruit Width (cm)	Yield ¹	Disease Severity ²	Plant Height (cm)	Plant Width (cm)	Notes ³
Nadia	Johnny's	5	Shiny black	Medium early	Egg	15.0	7.5	3	3	73	83	Spiny, green calyx; cream interior
Neon	Johnny's	3	Bright purple	Medium late	Pear	17.0	6.0	3	3	88	63	Nice, white interior
Orient Charm	Johnny's	3	Pale purple	Medium late	Elongate	17.5	3.0	3	5	73	82	Smooth, purplish-green calyx
Purple Rain	Burpee	3	White and purple	Medium late	Egg	10.0	5.5	3	5	89	130	Spiny, green calyx; white interior
Short Tom	Territorial	7	Black	Early	Pear	14.0	6.0	7	8	58	72	Smooth, purple calyx; cream interior
Turkish Orange	Seeds of Change	7	Red-orange	Late	Round	5.0	6.0	7	5	54	58	Orange-tinged interior
Zebra	Johnny's	3	White and purple	Medium late	Egg	12.0	5.5	3	3	72	88	Spiny, green calyx; white interior

Transplants set out May 23, 2001, Corvallis, Oregon.

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

²Apparent *Verticillium* symptoms based on 1–9 scale with 1 = no symptoms and 9 = plants dead.

³The calyx is the set of sepals (remnants of the flower) on the stem end of the fruit.



Melons

Variety	Source	Overall Score ¹	Maturity date	Flesh Color	Rind Color	Brix ²	Fruit Length (cm)	Fruit Width (cm)	Cavity Length (cm)	Cavity Width (cm)	Netting ³	Yield ¹	Disease Incidence ⁴	Notes ⁵
California shipping⁶														
ACaballero	Abbott & Cobb	3	3 Oct	Orange	Tan	12.2	11.0	11.0	5.5	5.0	Heavy	5	7	Small, very round fruit; susceptible to fruit rot
ACapitan	Abbott & Cobb	5	3 Oct	Orange	Tan	14.0	13.5	10.5	8.0	5.5	Heavy	5	3	Good flavor
AChaparral	Abbott & Cobb	5	28 Sep	Orange	Tan	9.8	13.5	13.0	8.5	5.0	Medium	7	7	Rubbery texture
ACimarron	Abbott & Cobb	3	3 Oct	Salmon	Tan	12.0	13.0	11.0	8.0	4.5	Heavy	5	5	Musty flavor; susceptible to fruit rot
Allstar	Harris Moran	9	3 Oct	Orange	Tan	13.0	14.0	12.5	9.0	6.0	Heavy	5	3	Mild, sweet flavor
Archer	Harris Moran	7	3 Oct	Orange	Tan	14.0	14.5	13.5	9.0	6.0	Heavy	5	3	
Athena	Johnny's	3	28 Sep	Orange	Tan	11.0	18.0	15.5	12.0	7.5	Medium	4	5	
Cruiser	Harris Moran	7	3 Oct	Orange	Tan	13.0	15.0	13.5	9.0	6.0	Heavy	5	5	Bland flavor
Mission	Asgrow	5	3 Oct	Orange	Tan	13.6	14.0	12.5	8.0	5.0	Heavy	7	7	
Starship	Harris Moran	7	3 Oct	Orange	Tan	13.0	13.0	13.0	8.0	6.0	Medium	7	3	Very sweet
Voyager	Sunseeds	3	3 Oct	Orange	Tan	11.6	15.0	13.5	9.0	7.0	Heavy	5	7	Crisp texture; bland flavor
Canary⁷														
Jaune des Canaries	Harris Moran	5	3 Oct	Yellow	White	8.0	19.0	13.5	12.0	7.0	None	3	1	
Yellow Canary	Sunseeds	5	28 Sep	Yellow	White	16.5	13.5	10.5	8.0	8.0	None	6	1	
Eastern cantaloupe⁸														
Early Dawn	Harris Moran	5	13 Sep	Orange	Tan	10.0	16.0	14.5	12.5	7.0	Medium	5	3	Light ribbing
Fastbreak	Territorial	7	28 Sep	Orange	Tan	11.0	14.5	15.0	9.0	7.5	Heavy	7	3	

Planted June 13, 2001, Corvallis, Oregon.

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

²Brix = percent soluble solids (a measure of sweetness in fruit; higher numbers mean sweeter fruit).

³Netting refers to the cross-hatched pattern on the rind. Moderate to heavy netting is preferred in shipping melons to help prevent fruit damage.

⁴Disease scores based on 1–9 scale with 9 = severe (primary pathogen was angular leaf spot).

⁵Piel de Sapo melons are football shaped, with dark green skins and pale flesh, and require more heat than other types.

⁶California shipping types are round and thick walled with heavy netting. They lack ribbing.

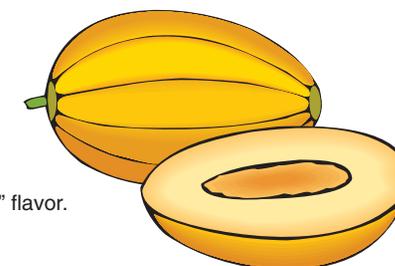
⁷Honeydews and canary melons typically are white or yellow skinned, without ribbing, do not “slip” the vine, and have a crisper texture than cantaloupes.

⁸Eastern cantaloupes are ribbed, usually larger and thinner walled than California shipping types. They generally are very sweet and may have a stronger “musky” flavor.

⁹European types have light to moderate ribbing with dark grooves, soft flesh, and a strong flavor.

¹⁰Galia types are of Middle Eastern origin, typically round, with moderate to heavy netting and lime green flesh.

¹¹Japanese melons are similar to California shippers but smaller and sweeter.



Melons

Variety	Source	Overall Score ¹	Maturity date	Flesh Color	Rind Color	Brix ²	Fruit Length (cm)	Fruit Width (cm)	Cavity Length (cm)	Cavity Width (cm)	Netting ³	Yield ¹	Disease Incidence ⁴	Notes ⁵
Eastern cantaloupe⁸ (continued)														
Minerva	Rogers	5	28 Sep	Orange	Tan	14.0	19.5	16.0	13.0	8.5	Medium	5	5	Slight ribbing
Nitro	Harris Moran	5	28 Sep	Orange	Tan	12.8	21.0	10.0	13.0	7.0	Heavy	7	3	Rubbery texture
Rayyan	Harris Moran	3	28 Sep	Orange	Tan	12.5	17.5	14.0	11.0	7.0	Medium	5	1	
Sugar Bowl	Harris Moran	3	28 Sep	Orange	Tan	14.0	15.5	13.0	10.5	7.0	Medium	5	5	Light ribbing; strong flavor
Superstar	Harris Moran	7	28 Sep	Orange	Tan	11.4	18.0	17.5	10.5	8.5	Heavy	5	1	Excellent yield and disease resistance
European⁹														
Carson	Sunseeds	3	3 Oct	Orange	Tan	11.4	15.0	9.5	9.0	6.0	Medium	5	7	
Charantais	Seeds of Change	3	4 Oct	Orange	Tan	15.0	12.0	14.0	7.0	7.0	Light	3	5	Fruit rots before it ripens
French Charantais	Johnny's	5	28 Sep	Orange	Yellow-green	10.0	12.5	12.0	7.5	5.0	Very light	6	5	Off flavor
Haogen	Seeds of Change	5	28 Sep	Light green	Yellow-green	12.8	12.5	11.5	8.0	5.5	Light	5	3	
Zenith	Sunseeds	5	3 Oct	Orange	Blue-green	13.6	14.0	12.5	8.0	5.5	Medium	3	5	Soft texture; sweet flavor
Galia¹⁰														
Galia	Sunseeds	5	28 Sep	Lime green	Yellow-green	13.5	12.5	12.0	7.5	6.5	Light	5	9	
Gallicum	Territorial	7	28 Sep	Lime green	Yellow-green	11.0	10.0	11.5	5.5	5.0	Light	7	3	Small fruit; crisp flesh
Passport	Territorial	7	7 Sep	Lime green	Green	11.5	17.5	15.5	10.5	7.0	Medium	6	3	Very nice; very early; sweet

Planted June 13, 2001, Corvallis, Oregon.

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

²Brix = percent soluble solids (a measure of sweetness in fruit; higher numbers mean sweeter fruit).

³Netting refers to the cross-hatched pattern on the rind. Moderate to heavy netting is preferred in shipping melons to help prevent fruit damage.

⁴Disease scores based on 1–9 scale with 9 = severe (primary pathogen was angular leaf spot).

⁵Piel de Sapo melons are football shaped, with dark green skins and pale flesh, and require more heat than other types.

⁶California shipping types are round and thick walled with heavy netting. They lack ribbing.

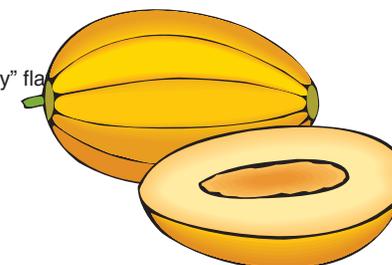
⁷Honeydews and canary melons typically are white or yellow skinned, without ribbing, do not “slip” the vine, and have a crisper texture than cantaloupes.

⁸Eastern cantaloupes are ribbed, usually larger and thinner walled than California shipping types. They generally are very sweet and may have a stronger “musky” flavor.

⁹European types have light to moderate ribbing with dark grooves, soft flesh, and a strong flavor.

¹⁰Galia types are of Middle Eastern origin, typically round, with moderate to heavy netting and lime green flesh.

¹¹Japanese melons are similar to California shippers but smaller and sweeter. Melons



Melons

Variety	Source	Overall Score ¹	Maturity date	Flesh Color	Rind Color	Brix ²	Fruit Length (cm)	Fruit Width (cm)	Cavity Length (cm)	Cavity Width (cm)	Netting ³	Yield ¹	Disease Incidence ⁴	Notes ⁵
Honeydew⁷														
Fantasma	Harris Moran	7	28 Sep	Green	White	14.5	20.0	14.0	12.0	7.0	None	6	3	Crisp texture; pleasant flavor
HD 85	Takii	1	28 Sep	Green	White	13.5	15.5	15.0	10.0	7.5	None	2	3	Cracking badly before ripe; susceptible to white mold
Honey Ace	Takii	7	28 Sep	Green	White	14.0	19.0	16.0	12.0	8.0	None	5	3	Vigorous, healthy vine
Honey Brew	Sakata	5	3 Oct	Green	Light green	14.0	20.0	16.5	12.5	8.0	None	5	1	Soft flesh
Megabrew	Sakata	7	3 Oct	Green	Light green	13.0	16.0	16.0	10.0	7.5	Fine	7	3	Pleasant flavor, mild and sweet
Morning Ice	Harris Moran	5		Green	White	10.5	17.0	15.0	11.0	7.5	Very light	7	3	Crisp flesh
Temptation	Sakata	5	3 Oct	Green	Salmon	14.0	17.0	15.5	10.0	7.0	None	5	5	Very sweet
Twilight	Harris Moran	7	3 Oct	Green	White	10.0	20.5	19.0	12.0	9.0	None	5	1	Crisp; good flavor
Japanese¹¹														
Lewis	Takii	7	28 Sep	Orange	Tan	15.6	13.0	12.0	9.0	6.0	Medium	7	7	
Monami Red	Takii	5	late	Salmon	Tan	16.0	11.0	12.0	6.0	6.0	Light	7	7	Honeydew flavor and texture; very sweet
Other														
Blenheim Orange	Seeds of Change	3	late	Orange	Tan		12.0	11.0	8.0	6.0	Heavy	7	7	Heirloom type
Pionet	Peto	1	late	White	Dark green	7.0	20.0	13.5	13.0	7.0	None	3	7	Piel de sapo type; rots before it matures
Sun Jewel	Johnny's	5	28 Sep	White	Yellow with white stripe	17.0	17.0	10.5	12.5	5.5	None	5	1	Asian type; mild flavor

Planted June 13, 2001, Corvallis, Oregon.

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

²Brix = percent soluble solids (a measure of sweetness in fruit; higher numbers mean sweeter fruit).

³Netting refers to the cross-hatched pattern on the rind. Moderate to heavy netting is preferred in shipping melons to help prevent fruit damage.

⁴Disease scores based on 1–9 scale with 9 = severe (primary pathogen was angular leaf spot).

⁵Piel de Sapo melons are football shaped, with dark green skins and pale flesh, and require more heat than other types.

⁶California shipping types are round and thick walled with heavy netting. They lack ribbing.

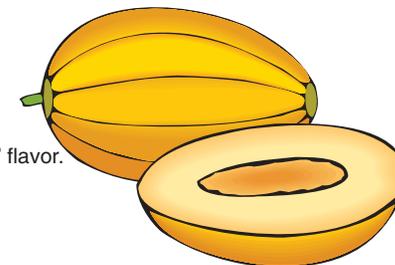
⁷Honeydews and canary melons typically are white or yellow skinned, without ribbing, do not “slip” the vine, and have a crisper texture than cantaloupes.

⁸Eastern cantaloupes are ribbed, usually larger and thinner walled than California shipping types. They generally are very sweet and may have a stronger “musky” flavor.

⁹European types have light to moderate ribbing with dark grooves, soft flesh, and a strong flavor.

¹⁰Galia types are of Middle Eastern origin, typically round, with moderate to heavy netting and lime green flesh.

¹¹Japanese melons are similar to California shippers but smaller and sweeter.



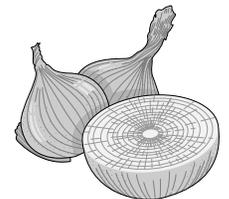
Onions

Variety	Source	Overall Score ¹	Maturity	Color	Length (cm)	Width (cm)	Shape	Neck ²	Notes
Ailsa Craig	Territorial	5	Early	Yellow	11.0	7.5	Elongated	5	Very large; not for storage
Blanco Duro	Territorial	5	Medium early	White	8.5	7.0	Elongated globe	7	Sweet Spanish type; good white color; not for storage
Brahma	Sunseeds	8	Medium	Yellow	9.0	10.0	Globe	7	Very large; very good storage ability
Buffalo	Johnny's	2	Very early	Yellow	5.0	5.0	Globe	5	Not for storage
Cipollini	Nichols	2	Medium early	Yellow	3.0	5.5	Flat	2	Novelty; shape interesting but very rough; many misshapen; not for storage
Columbia	Gurney's	5	Medium	Yellow	9.0	7.5	Slightly elongated	5	Variable size and shape
Condor	Takii	7	Early	Yellow	8.0	8.0	Globe	7	Uniform
Early Yellow Globe	Pinetree	4	Medium	Yellow	6.5	7.0	Globe	3	Rough; variable shape; many twins; small
First Edition	Territorial	5	Medium	Yellow	8.5	7.0	Globe	5	Uniform
Frontier	Takii	8	Early	Yellow	8.0	8.5	Globe	8	Very uniform with very neat necks and excellent storage ability
Millennium	Sunseeds	8	Medium	Yellow	7.5	7.0	Globe	8	Uniform; very good storage ability
New York Early	Johnny's	7	Early	Yellow	9.0	8.0	Slightly elongated	5	Variable size
Red Burgermaster	Territorial	5	Late	Red	7.0	9.0	Flattened globe	3	
Sabroso	Sunseeds	7	Late	Yellow	8.5	8.0	Globe	7	Uniform
Southport Red Globe	Pinetree	5	Medium	Red	10.0	8.0	Elongated globe	3	Variable size and shape but mostly large
Spectrum	Sunseeds	7	Medium	Yellow	9.0	9.0	Globe	7	Uniform; very good storage ability
Superstar	Territorial	7	Very early	White	7.5	9.0	Slightly flattened globe	8	Very nice, large, very early onion with fair storage ability
T418	Takii	8	Early	Yellow	8.0	8.0	Globe	9	Uniform; large; very neat necks and excellent storage ability
T433	Takii	5	Late	Yellow	9.0	10.0	Globe	5	Very large; variable size
T439	Takii	7	Medium	Yellow	9.0	8.5	Globe	7	Very good storage ability
Tango	Sunseeds	7	Medium	Red	7.0	8.0	Globe	7	Uniform; nice color
Torque	Pinetree	6	Medium	Yellow	9.0	8.0	Globe	6	Variable size; good storage ability
Vaquero	Sunseeds	6	Medium	Yellow	8.0	8.5	Globe	4	
Walla Walla	Territorial	5	Early	White	9.0	9.0	Globe	2	Not for storage
Winner	Sunseeds	7	Medium	Yellow	8.0	8.0	Globe	7	Uniform; very good storage ability

Planted April 27, 2001, Corvallis, Oregon.

¹Overall score based on 1–9 scale with 9 = best.

²Neck score based on 1–9 scale with 1 = fat necks with multiple stalks and 9 = very small, neat necks. In general, onions with small necks are better for storage.



Peppers, Bell

Variety	Source	Overall Fruit Score ¹	Maturity	Immature Color	Mature Color	Fruit Length (cm)	Fruit Width (cm)	Plant Height (cm)	Plant Width (cm)	Relative Flesh Thickness ¹	Sun-scaled ²	Notes
Acapulco	Vilmorin	3	Medium late	Green	Red	11.5	9.5	42	50	5	3	Good yield
ACX 209	Abbot & Cobb	1	Late	Green	Red	10.0	9.0	42	52	7	5	Purpling in green fruit
ACX 217	Abbot & Cobb	5	Medium early	Green	Yellow to gold	11.0	9.0	45	50	5	5	Good yield
ACX 220	Abbot & Cobb	3	Medium late	Green	Red	12.0	8.0	44	50	5	5	Good yield
ACX 226	Abbot & Cobb	3	Very late	Green	Red	10.0	10.5	50	54	5	3	Purple color on green fruit
ACX 227	Abbot & Cobb	3	Very late	Green	Red	11.5	8.5	50	60	5	3	Sweet
ACX 229	Abbot & Cobb	3	Medium late	Green	Red	11.5	8.5	49	49	7	3	
ACX 230	Abbot & Cobb	5	Medium late	Green	Red	9.5	9.5	50	56	8	3	Purpling on green fruit
Amarillo Royal	Harris Moran	3	Medium early	Green	Orange	11.5	9.5	55	56	7	7	Purpling on the fruit
Bell King	Harris Moran	3	Medium late	Green	Red	13.5	9.5	45	53	5	1	Bland; good yield
Bell Tower	Liberty	9	Medium early	Green	Red	11.0	7.5	43	45	7	3	Good yield; good flavor; compact plant
Blushing Beauty	Peto	5	Medium late	Ivory	Red to orange	10.0	7.5	53	46	7	1	Mild flavor; good yield
Boynton Bell	Harris Moran	5	Late	Green	Red	10.0	10.0	45	52	3	9	Very heavy yield
Brigadier	Rogers	1	Late	Green	Red	11.0	8.5	55	44	5	7	
Commandant	Rogers	3	Very late	Green	Red	13.5	8.0	39	55	5	3	Purpling on green fruit; good yield; very sweet, good flavor
Corona	Johnny's	5	Medium	Green	Orange	11.0	9.5	38	50	7	3	
Crusader	Rogers	1	Very late	Green	Red	12.5	9.5	48	46	7	3	Firm; good stuffer; juicy
Early Calwonder	Liberty	3	Medium early	Green	Red	11.0	7.5	33	50	7	7	Three lobes, many pointed; mild flavor; small plant with good yield
Emerald Isle	Harris Moran	5	Medium late	Green	Red	13.0	9.0	40	55	7	3	
Fajita Bell	Nichols	7	Medium	Green	Red	11.0	9.0	42	60	7	1	Mild flavor

Transplants set out May 29, 2001, Corvallis, Oregon in 3-foot rows, about 24 inches between plants.

¹Scores based on 1–9 scale with 9 = best or thickest.

²Sunscald of fruit scores based on 1–9 scale with 1 = no sunscald and 9 = severe.



Peppers, Bell

Variety	Source	Overall Fruit Score ¹	Maturity	Immature Color	Mature Color	Fruit Length (cm)	Fruit Width (cm)	Plant Height (cm)	Plant Width (cm)	Relative Flesh Thickness ¹	Sun-scaled ²	Notes
Fat 'n Sassy	Nichols	5	Medium early	Green	Red	10.5	8.5	42	33	5	7	Strong sour flavor; not sweet
Figaro	Vilmorin	3	Medium early	Green	Red	12.0	9.5	45	54	7	3	
Flamingo	Harris Moran	7	Medium late	Light green	Red	10.5	7.0	39	46	5	1	Small plant; pleasant flavor
Golden Bell	Territorial	7	Early	Green	Yellow	12.0	7.5	50	45	3	3	
Golden Summer	Gurney's	7	Medium	Light green	Yellow	11.0	8.0	42	48	7	1	Good yield
Honeybell	Harris Moran	3	Medium early	Green	Orange	10.5	9.0	50	58	3	3	
Ivory	Rogers	3	Very late	Ivory	Yellow	10.5	8.5	50	48	5	1	
Jumbo Sweet	Takii	5	Medium	Green	Red	13.0	9.0	48	59	7	3	Misshapen fruit; purpling color on green fruit
Karma	Harris Moran	3	Medium late	Green	Red	13.0	11.5	50	50	4	3	
King Arthur	Osborne	7	Medium early	Green	Red	10.0	8.5	43	43	5	5	Good yield
Kishinev	Nichols	7	Medium early	Green	Red	4.5	9.0	51	45	7	3	Six to 8 lobes; interior color deep red; slightly pungent
Labrador	Johnny's	7	Medium	Green	Yellow	11.0	9.5	38	51	5	1	
Lady Bell	Harris Moran	3	Medium late	Green	Red	11.0	8.0	36	42	7	3	Small plant
Lamuyo	Daehnfeldt	5	Medium	Green	Red	12.5	7.0	33	51	3	1	Long fruit with pointed tip; sweet
Mandarin	Rogers	7	Medium	Green	Orange to red	13.0	8.5	53	60	7	3	Good yield
Marquis	Rogers	9	Early	Green	Red	12.0	9.0	53	54	5	3	Good interior color; good flavor; very sweet; good yield
Neptune	Known-You	3	Late	Green	Red	14.0	9.5	52	64	7	3	
North Star	Territorial	7	Early	Green	Red	12.5	7.5	50	54	5	5	
Ori	Vilmorin	3	Medium late	Green	Yellow	14.0	9.0	39	50	3	3	Strong flavor
P 1031	Sunseeds	5	Late	Green	Red	13.5	9.0	50	55	9	1	Good yield; thick skin; very bland

Transplants set out May 29, 2001, Corvallis, Oregon in 3-foot rows, about 24 inches between plants.

¹Scores based on 1–9 scale with 9 = best or thickest.

²Sunscald of fruit scores based on 1–9 scale with 1 = no sunscald and 9 = severe.



Peppers, Bell

Variety	Source	Overall Fruit Score ¹	Maturity	Immature Color	Mature Color	Fruit Length (cm)	Fruit Width (cm)	Plant Height (cm)	Plant Width (cm)	Relative Flesh Thickness ¹	Sun-scaled ²	Notes
Peninsula	Harris Moran	5	Late	Green	Red	12.0	8.5	27	35	7	5	Very small plants
Perfection	Johnny's	3	Medium	Ivory	Yellow	9.0	6.0	34	36	3	3	Small plant; sour taste
Presidente	Harris Moran	5	Medium late	Green	Red	12.0	9.0	49	41	7	3	Sweet, tasty; good yield
Prince	Harris Moran	5	Medium late	Green	Yellow	10.5	10.5	52	50	9	3	Mild, pleasant flavor
Purple Beauty	Territorial	3	Late	Purple	Red	10.0	7.5	34	51	5	7	
Queen	Territorial	3	Medium late	Green	Orange	9.0	9.0	38	63	3	3	
Rampage	Peto	3	Medium	Green	Red	12.0	7.5	42	47	7	7	Sweet bell
Sentry	Rogers	5	Late	Green	Red	10.5	9.5	49	50	5	3	
Snow White	Nichols	7	Medium	Ivory	Red	11.5	6.5	40	48	3	1	Variable shape; pointed end; good yield; sweet
Summer Sweet 830	Abbot & Cobb	5	Medium	Green	Red	12.5	10.0	47	59	7	5	
Summer Sweet 840	Abbot & Cobb	5	Medium	Green	Red	10.5	9.0	44	63	9	5	Good flavor; sweet
Super Set	Sakata	5	Medium	Green	Red	8.5	8.5	39	60	5	3	Peppers are well distributed on branch; purple color on fruit
Sweet Chocolate	Johnny's	5	Medium early	Green	Brown	11.5	5.5	42	42	3	5	Pointed fruit; 3 lobes; sweet and mild
Vidi	Vilmorin	5	Medium early	Green	Red	14.5	9.0	49	34	5	5	
Vivaldi	Vilmorin	1	Medium	Green	Red	11.5	8.5	37	48	5	7	
Yankee Bell	Johnny's	7	Medium early	Green	Red	10.5	7.5	34	46	5	1	

Transplants set out May 29, 2001, Corvallis, Oregon in 3-foot rows, about 24 inches between plants.

¹Scores based on 1–9 scale with 9 = best or thickest.

²Sunscald of fruit scores based on 1–9 scale with 1 = no sunscald and 9 = severe.



Peppers, Miscellaneous

Variety	Source	Type	Overall Fruit Score ¹	Maturity	Immature Color	Mature Color	Length (cm)	Fruit Width (cm)	Fruit Height (cm)	Plant Width (cm)	Plant Flesh Thickness ¹	Relative Sunscald ²	Notes ³
Hot													
ACX 105	Abbott & Cobb	Jalapeno	7	Medium	Green	Red	12.5	5.5	44	50	5	1	
ACX 500	Abbott & Cobb	Cubanelle	5	Med late	Yellow	Red	18.0	7.0	61	55	5	3	Hot
Anaheim College 64	Territorial	Anaheim	3	Very late	Green	Red	16.0	4.0	50	50	3	1	Poor yield
Ancho 101	Territorial	Ancho	5	Medium	Dark green	Red	14.0	6.0	50	52	2	7	Wrinkled fruit; mildly pungent
Aruba	Rogers	Cubanelle	5	Medium	Yellow	Red	18.0	6.5	51	61	4	3	Too bland; no pungency
Boldog Hungarian Spice	Johnny's	Paprika	7	Med early	Green	Red	13.5	4.0	44	42	1	1	Paprika flavor; slightly pungent
Caribbean Red	Johnny's	Habanero	5	Med late	Green	Red to orange	4.5	4.5	53	87	2	1	Good yield
Chain Fair	Known-You	Cayenne	5	Med late	Green	Red	16.0	2.0	48	52	3	1	Good yield
Cherry Bomb	Johnny's	Hot cherry	7	Early	Green	Red	5.0	4.5	48	56	3	1	
Conchos	Johnny's	Jalapeno	3	Very late	Green	Red	11.0	4.0	53	48	7	1	Very hot
Copacabana	Harris Moran	Hot wax	7	Medium	Yellow	Red	21.0	3.5	43	55	3	1	Good yield; mildly pungent
Early Jalapeno	Johnny's	Jalapeno	3	Very late	Green	Red	7.5	3.0	38	38	3	1	Small plants
Habanero	Territorial	Habanero	5	Med late	Green	Pale orange	5.0	3.5	55	88	1	1	Good yield
Hero	Territorial	Cayenne	5	Late	Green	Red	15.0	1.5	53	66	3	1	Good yield; nice, sturdy plants
Mexheim	Hungnong	Anaheim	5	Late	Green	Red	20.0	4.0	58	69	3	3	Vigorous plants; mild heat in placenta; good yield
Miles Flavor	Known-You	Cayenne	3	Very late	Green	Red	15.5	1.0	60	63	2	1	Good yield

Transplants set out May 29, 2001, Corvallis, Oregon in 3-foot rows, about 24 inches between plants.

¹Scores based on 1–9 scale with 9 = best or thickest.

²Sunscald of fruit scores based on 1–9 scale with 1 = no sunscald and 9 = severe.

³The placenta are the internal membranes to which the seeds are attached.



Peppers, Miscellaneous

Variety	Source	Type	Overall Fruit Score ¹	Maturity	Immature Color	Mature Color	Length (cm)	Fruit Width (cm)	Fruit Height (cm)	Plant Width (cm)	Plant Flesh Thickness ¹	Relative Sun-scaled ²	Notes ³
Hot (continued)													
Mitla	Peto	Jalapeno	3	Late	Green	Red	7.5	3.0	36	45	3	1	
Mulato Isleno	Nichols	Ancho	3	Very late	Green	Red	12.0	6.0	62	53	2	1	
Numex Bailey Piquin	Territorial	Piquin	1	Very late or not adapted	Green with purple	Red	2.0	1.0	100	52	1	0	Very hot; erect fruit
Paprika Supreme	Johnny's	Paprika	7	Medium	Green	Red	16.5	3.5	56	64	1	1	Good yield; good paprika flavor
Pasilla Bajio	Nichols	Pasilla	5	Very late	Green	Red	28.0	3.0	66	60	2	1	Plants tend to lodge
Perfecto	Hungnong	Jalapeno	5	Med late	Green	Red	9.5	2.5	44	56	5	1	Good color
Senorita	Peto	Jalapeno	3	Late	Green	Red	9.5	3.0	40	50	3	1	Weak plants
Serrano	Burpee	Serrano	3	Late	Green	Red	7.0	2.0	76	92	1	1	Tall plant; lodged badly
Serrano del Sol	Johnny's	Serrano	7	Medium	Green	Red	8.0	2.0	44	57	4	1	Solid placenta
Sierra Fuego	Hollar	Jalapeno	5	Med late	Green	Red	7.5	3.0	40	46	5	1	Small plants; good yield
Summer Heat 6000	Abbott & Cobb	Jalapeno	1	Very late	Green	Red	11.0	3.0	42	44	3	1	
Super Serrano	Johnny's	Serrano	3	Very late	Green	Red	7.0	1.5	47	51	3	1	Typical serrano shape; solid placenta
Surefire	Abbott & Cobb	Hot wax	7	Med early	Yellow	Red	18.0	3.5	50	51	2	1	Mildly pungent
Tampico Fiesta	Hungnong	Thai	5	Very late	Green	Red	7.5	0.75	53	69	3	1	Vigorous plants; good yield
Sweet													
Antohi Romanian	Johnny's	Wax	7	Med early	Yellow	Red	12.0	6.5	32	39	7	3	Small plants; sweet
Apple	Johnny's	Pimiento	7	Early	Green	Red	10.0	6.0	39	44	5	3	Slightly sweet
Euro Jumbo Sweet Cherry	Liberty	Sweet cherry	9	Early	Green	Red	5.0	6.0	50	47	5	1	Sweet; nice flavor
Italia	Johnny's	Italian	5	Med late	Green	Red	20.0	6.0	45	54	3	1	Mildly pungent

Transplants set out May 29, 2001, Corvallis, Oregon in 3-foot rows, about 24 inches between plants.

¹Scores based on 1–9 scale with 9 = best or thickest.

²Sunscald of fruit scores based on 1–9 scale with 1 = no sunscald and 9 = severe.

³The placenta are the internal membranes to which the seeds are attached.



Peppers, Miscellaneous

Variety	Source	Type	Overall Fruit Score ¹	Maturity	Immature Color	Mature Color	Length (cm)	Fruit Width (cm)	Fruit Height (cm)	Plant Width (cm)	Plant Flesh Thickness ¹	Relative Sunscald ²	Notes ³
Sweet (continued)													
Italian Gourmet	Park	Italian	7	Med early	Green	Red	21.0	6.0	47	52	3	3	Good yield; fruit borne low on plant so that it touches ground
Lipstick	Johnny's	Pimiento	7	Med early	Green	Red	11.0	5.0	45	56	3	1	Good sweet flavor
Pimiento L	Seeds of Change	Pimiento	7	Medium	Green	Red	9.5	7.5	33	50	7	3	Mild, sweet; heart-shaped
Pizza	Oregon State University	Pimiento	5	Late	Green	Red	11.0	5.5	47	40	9	1	Good yield; thick-walled fruit; sweet with slight pungency
Red Bull's Horn	Territorial	Italian	5	Med late	Green	Red	18.0	5.5	60	56	3	3	
Red Heart Pimiento	Seeds of Change	Pimiento	7	Med early	Green	Red	9.5	7.5	44	57	7	1	Heart-shaped fruit
Ornamental													
Bolivian Rainbow	Seeds of Change		7	Late	Purple	Light green and red	2.5	1.5	50	42	1	1	Weak plants; fruit held erect on plant
Marbles	Oregon State University		7	Med early	Purple	Yellow to red	1.25	0.25	28	43	1	1	Compact plant; small, round fruit held erect
Purira	Seeds of Change		5	Med late	Yellow with purple blotches	Red-orange	5.5	1.5	59	59	2	1	Erect plants; good yield; very hot
Riot	Oregon State University		7	Medium	Purple	Yellow to red	7.5	1.0	25	26	1	1	Erect clusters of small, conical fruit
Varengata	Johnny's		7	Late	Purple	Red	2.5	1.5	49	50	1	1	Attractive variegated foliage; tiny, oval, wrinkled fruit

Transplants set out May 29, 2001, Corvallis, Oregon in 3-foot rows, about 24 inches between plants.

¹Scores based on 1–9 scale with 9 = best or thickest.

²Sunscald of fruit scores based on 1–9 scale with 1 = no sunscald and 9 = severe.

³The placenta are the internal membranes to which the seeds are attached.



Pumpkins and Ornamental Gourds

Variety	Source	Species	Overall Score ¹	Skin Color ²	Fruit Height (cm)	Fruit Width (cm)	Yield ¹	Vigor ¹	Habit	Disease ³	Notes ^{4,5}
Cinderella											
Fairytale	Territorial	Pepo	5	Brown	16	33	7	7	Vine	3	
Rouge Vif D'Etampes	Johnny's	Maxima	9	Red-orange	19	40	9	7	Vine	3	Oblate with prominent ribs; precocious yellow
Giant pumpkin											
Big Moon	Peto	Maxima	3	Pink	56	51	5	7	Vine	3	Deeply ribbed
Dill's Atlantic Giant	Territorial	Maxima	5	Pink	70	56	7	9	Vine	3 ALS	
Prizewinner	Territorial	Maxima	7	Orange	48	51	7	9	Vine	3 ALS	
Jack-o-lantern											
Autumn King	Rupp	Pepo	3	Orange	35	35	5	5	Vine		Rough skin
Connecticut Field	Burpee	Pepo	3	Orange	35	45	3	5	Vine	9 PM	Cracking by blossom scar; small handle
Gold Rush	Rupp	Pepo	5	Pale orange with brown russetting	44	40	7	7	Vine	5–9 PM	Some plants susceptible to powdery mildew; short handle
Gold Standard	Rupp	Pepo	5	Deep orange	27	32	5	5	Semi-bush	9 PM	Smooth skin; fruit set concentrated in crown of plant
Howden	Harris Moran	Pepo	5	Orange	33	34	5	5	Vine	9 PM	Classic shape with ribs
Howden Biggie	Harris Moran	Pepo	7	Orange	38	40	7	7	Vine	9 PM	
Howdy Doody	Rupp	Pepo	9	Orange	33	28	7	7	Vine	9 PM	Fruit size variation; prone to fruit rot
Ironsides	Harris Moran	Pepo	7	Orange	12	15	7	7	Semi-bush	5 PM	Precocious yellow
Kakai	Johnny's	Pepo	1	Orange with green stripes	25	28	3	7	Vine	7 PM	Some plants with nonstriped fruit; late
Lumina	Territorial	Maxima	5	White	28	19	5	7	Vine	9 PM	

Planted May 31, 2001, Corvallis, Oregon.

¹Scores based on 1–9 scale with 9 = best or greatest.

²Russetting refers to a rust or brownish spattering of color on the rind.

³Disease score based on 1–9 scale with 9 = most severely infected. ALS = angular leaf spot, PM = powdery mildew, WM = white mold.

⁴Oblate = slightly flattened (as opposed to round).

⁵Precocious yellow = immature fruit color is yellow (instead of green).



Pumpkins and Ornamental Gourds

Variety	Source	Species	Overall Score ¹	Skin Color ²	Fruit Height (cm)	Fruit Width (cm)	Yield ¹	Vigor ¹	Habit	Disease ³	Notes ^{4,5}
Jack-o-lantern (continued)											
Magic Lantern	Harris Moran	Pepo	7	Bright orange	27	34	5	5	Short vine	9 PM	Pretty, smooth; uniform shape
Merlin	Harris Moran	Pepo	6	Orange	28	34	7	5	Short vine	7 PM	Variable fruit size from plant to plant
NH 656	UNH	Pepo	5	Orange	24	32	5	7	Semi-bush	7 PM	Some rough fruit
Progold 200	Abbott & Cobb	Pepo	7	Yellow-orange	28	30	7	5	Vine	7 PM	Fine russetting
Progold 300	Abbott & Cobb	Pepo	3	Light orange	30	32	5	5	Vine	9 PM	Variable fruit shape; fine russetting
Progold 510	Abbott & Cobb	Pepo	5	Medium orange	27	35	3	7	Vine	9 PM, WM	
Progold 500	Abbott & Cobb	Pepo	7	Deep orange	34	32	7	7	Vine	8 PM	Variable size, shape
Racer	Johnny's	Pepo	7	Orange with brown russetting	22	30	5	5	Bush	9 PM	
Rock Star	Johnny's	Pepo	7	Deep orange	33	34	5	5	Vine	7 PM	Howden type
Touch of Autumn	Rupp	Pepo	9	Orange	12	13	7	5	Bush	3 PM	Classic shape; good color; prone to fruit rot
Valenciano	Johnny's	Maxima	5	White	15	28	5	9	Vine	5 PM	Moderate ribbing
Jack-o-lantern/Pie											
Baby Pam	Harris	Pepo	1	Orange	10	16	7	3	Semi-bush	9 PM	Fruit rot, cracking
Progold 100	Abbott & Cobb	Pepo	3	Orange	13	14	7	5	Bush	9 PM	Precocious yellow type; severe cracking
Trickster	Rupp	Pepo	7	Deep orange	13	16	9	7	Semi-bush	9 PM	Classic shape; very smooth; attractive

Planted May 31, 2001, Corvallis, Oregon.

¹Scores based on 1–9 scale with 9 = best or greatest.

²Russetting refers to a rust or brownish spattering of color on the rind.

³Disease score based on 1–9 scale with 9 = most severely infected. ALS = angular leaf spot, PM = powdery mildew, WM = white mold.

⁴Oblate = slightly flattened (as opposed to round).

⁵Precocious yellow = immature fruit color is yellow (instead of green).



Pumpkins and Ornamental Gourds

Variety	Source	Species	Overall Score ¹	Skin Color ²	Fruit Height (cm)	Fruit Width (cm)	Yield ¹	Vigor ¹	Habit	Disease ³	Notes ^{4,5}
Pie, seed											
Streaker Jack	Territorial	Pepo	7	Orange with green stripes	16	17	7	5	Vine	5 PM	Hulless seeds
Triple Treat	Burpee	Pepo	5	Orange with brown russetting	16	19	7	5	Vine	7	Hulless seeds
Miniature											
Baby Boo	Rupp	Pepo	5	White	4	8	9	5	Vine	9 WM	Very oblate
Jack-Be-Quick	Rupp	Pepo	3	Orange	5	8	7	7	Vine	7 PM	Oblate
Lil' Goblin	Harris	Pepo	7	Orange	10	11	7	7	Bush	7 PM	Early; good color
Wee-Be-Little	Rogers	Pepo	9	Orange	9	9	7	7	Bush	3 PM	Precocious yellow type; nice shape
Ornamental gourd											
Longissima	Nichols	Lagenaria	7	Light green	82	14	7	7	Vine	3 PM	Early
Autumn Wings	Hollar	Pepo		Multicolored						7 PM	Nice mix of ornamental types—bicolor, winged, etc.
Big Apple	Territorial	Lagenaria	3	Green	19	13	1	9	Vine	1 PM	
Fancy Warted Mix	Rupp	Pepo		Multicolored						9 PM	Muted colors (pale yellow, green striped, warted)
Large Bottle	Hollar	Lagenaria	5	Light green	28	14	9	9	Vine	1 PM	
Ornamental Gourds Large	Territorial	Maxima	7	Multicolored	23	13	7	7	Vine	9 PM	Turks turban type
Small Sorts Mix	Harris Moran	Pepo		Multicolored						9 PM	More traditional mix; bicolor fruit
Swan	Territorial	Lagenaria	5	Cream with brown mottle	27	16	5	7	Vine	1 PM	Crookneck

Planted May 31, 2001, Corvallis, Oregon.

¹Scores based on 1–9 scale with 9 = best or greatest.

²Russetting refers to a rust or brownish spattering of color on the rind.

³Disease score based on 1–9 scale with 9 = most severely infected. ALS = angular leaf spot, PM = powdery mildew, WM = white mold.

⁴Oblate = slightly flattened (as opposed to round).

⁵Precocious yellow = immature fruit color is yellow (instead of green).



Squash, Winter

Variety	Source	Species	Overall Score ¹	Color	Fruit Length (cm)	Fruit Width (cm)	Yield ¹	Vigor ¹	Habit	Disease ²	Notes ³
Acorn											
Festival	Seeds by Design	Pepo	5	Cream with green & yellow stripes	11	12	5	7	Semi-bush	7 PM	Variable fruit type
Heart of Gold	Rupp	Pepo	7	Cream with green stripes	9	12	9	5	Semi-bush	7 PM	
Mesa Queen	Territorial	Pepo	7	Dark green	15	13	7	7	Semi-vine	9 PM	Smooth skin
OSU 19	Oregon State University	Pepo	7	Tan with dark green stripe	10	9	7	5	Vine	7 PM	
Buttercup											
Ambercup	Territorial	Maxima	5	Deep red-orange	12	18	5	7	Semi-vine	7 PM	
Burgess Buttercup	Harris Moran	Maxima	5	Green with light green stripes	12	17	3	5	Vine	5 PM	
Gold Nugget	Territorial	Maxima	7	Orange-pink	13	12	7	5	Bush	5 PM	
Sweetmeat	Territorial	Maxima	5	Blue-green	15	24	3	5	Vine	7 PM, ALS	
Butternut											
Early Butternut	Peto	Moschata	9	Tan	22	12	9	5	Vine	7 PM	Nice shape; blocky neck
Burpee's Butterbush	Burpee	Moschata	5	Tan	22	11	5	5	Bush	8 PM	
Ponca	Rogers	Moschata	3	Tan	20	10	5	3	Vine	7 PM	Late; small fruit
Waltham Butternut	Harris Moran	Moschata	5	Tan	30	13	5	5	Vine	7 PM	
Zenith	Territorial	Moschata	5	Tan	20	13	5	7	Vine	5 PM	

Planted May 31, 2001, Corvallis, Oregon.

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

²Disease score based on 1–9 scale with 9 = most severely infected. ALS = angular leaf spot, PM = powdery mildew.

³Oblate = slightly flattened (as opposed to round).



Squash, Winter

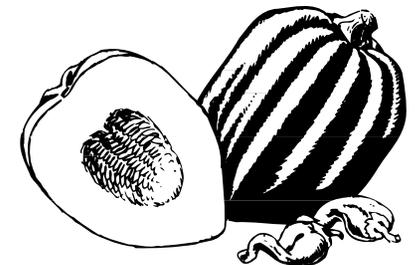
Variety	Source	Species	Overall Score ¹	Color	Fruit Length (cm)	Fruit Width (cm)	Yield ¹	Vigor ¹	Habit	Disease ²	Notes ³
Delicata											
Delicata	Territorial	Pepo	5	Cream with green stripes	21	8	7	3	Vine	7 PM	Variable shape
Honey Boat	Oregon State University	Pepo	7	Tan with dark green stripe	18	8	7	3	Vine	9 PM	
Sugar Loaf	Oregon State University	Pepo	7	Tan with dark green stripe	14	10	7	5	Vine	9 PM	
Hubbard											
Blue Hubbard	Territorial	Maxima	5	Blue green	36	26	7	7	Vine	7 PM	Warty skin, cracking
Blue Majic	Rupp	Maxima	6	Blue green	19	24	5	5	Vine	5 PM	Small blue hubbard
Chicago Warty Hubbard	Hollar	Maxima	5	Dark green	41	35	5	7	Vine	5 PM	Heavy warting
Lakota	Burpee	Maxima	5	Bright orange	19	19	5	5	Semi-bush	7 PM	
NH 67	UNH	Maxima	3	Dark green	28	20	3	7	Semi-bush	5 PM, ALS	
Dulong Qhi	Territorial	Maxima	7	Blue green	14	27	5	9	Vine	1	Deeply ribbed, oblate shape; good disease resistance
Japanese pumpkin											
Iron Cap	Sakata	Maxima x Moschata	7	Dark green with light green mottle	22	15	5	7	Vine	1 PM	
Kogi Ku	Takii	Moschata	7	Dark green	9	14	7	5	Vine	3 PM	

Planted May 31, 2001, Corvallis, Oregon.

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

²Disease score based on 1–9 scale with 9 = most severely infected. ALS = angular leaf spot, PM = powdery mildew.

³Oblate = slightly flattened (as opposed to round).



Squash, Winter

Variety	Source	Species	Overall Score ¹	Color	Fruit Length (cm)	Fruit Width (cm)	Yield ¹	Vigor ¹	Habit	Disease ²	Notes ³
Kabocha											
Chestnut	Johnny's	Maxima	3	Medium green	9	13	3	3	Semi-bush	8 PM	
Delica	Territorial	Maxima	7	Dark green with light green stripes	22	11	7	7	Vine	5 PM	
Supreme Delite	Sakata	Maxima	7	Dark green with light green stripes	15	19	7	7	Vine	5 PM	
Sweet Mama	Takii	Maxima	7	Dark green with light green stripes	23	13	7	7	Semi-bush	5 PM	
Tasty Delite	Sakata	Maxima	5	Dark green with light green stripes	11	15	3	5	Vine	7 PM	
Processing											
Buckskin	Peto	Moschata	5	Tan with waxy bloom	23	20	5	7	Vine	3 ALS	
Dickinson	Hollar	Moschata	5	Tan	32	26	7	7	Vine	5 PM	Late
Golden Delicious	Hollar	Maxima	7	Deep red-orange	26	28	5	7	Vine	5 PM	
NH 65	UNH	Maxima	5	Orange	29	22	5	5	Bush	5 PM	Green blossom scar
NH 66	UNH	Maxima	1	Orange	24	18	1	3	Bush	3 PM	
Other											
Green Striped Cushaw	Hollar	Mixta	7	White with green stripe	46	19	7	7	Vine	9 PM	Cushaw type
Pink Banana	Pinetree	Maxima	5	Pink	52	17	3	7	Vine	7 PM	Banana type; fine cracking on fruit
Vegetable Spaghetti	Territorial	Pepo	5	Ivory yellow	21	14	9	7	Vine	9 PM	Spaghetti type; some fruit cracking

Planted May 31, 2001, Corvallis, Oregon.

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

²Disease score based on 1–9 scale with 9 = most severely infected. ALS = angular leaf spot, PM = powdery mildew.

³Oblate = slightly flattened (as opposed to round).



Tomatoes

Variety	Source	Maturity	Overall Score ¹	Vine Type ²	Color	Fruit Height (cm)	Fruit Width (cm)	Shoulder ³	Leaf Cover ¹	Sunburn ⁴	Yield ¹	Notes ^{5,6,7,8}
Cherry												
Bonsai	Harris Moran	Med early	5	D	Red	3	3	GS	1	5	7	Good fruit clusters
Early Cherry	Territorial	Med late	3	D	Red-orange	3	3	GS	5	1	3	Cracking; good flavor
Gold Nugget	Oregon State University	Very early	7	D	Yellow	3	3	GS	3	1	8	Extremely productive; strong tendency for seedless fruit
Husky Cherry Gold	Peto	Late	5	I	Orange	3.5	3.5	UR	7	1	5	
New Hampshire Surecrop	Territorial	Very early	5	D	Red	3	3	GS	3	3	5	
Oregon Cherry	Oregon State University	Early	5	D	Red	3.5	3	GS	5	3	5	Compact plant; early, concentrated yield; good flavor
Red Cherry	Johnny's	Med early	6	I	Red	2	2	GS	5	2	5	Good fruit clusters
Red Current	Nichols	Very late	5	I	Red	1.5	1.5	GS	7	1	5	Excellent fruit clusters, but very late; sweet
Sausalito Cocktail	Territorial	Med early	5	D	Red-orange	2.5	2.5	UR	3	3	7	Good, mild flavor
Sun Gold	Territorial	Medium	9	I	Orange	2.5	2.75	GS	3	1	7	Large fruit clusters; very good flavor, sweet and citrusy
Sunsugar	Nichols	Med early	7	I	Orange	2.5	2.5	GS	3	1	7	Good fruit clusters
Supersweet 100	Rogers	Med late	4	I	Red	2	2	GS	5	1	4	Large fruit clusters
Sweet Olive	Johnny's	Early	5	D	Red	2.5	2	GS	4	2	6	
Yellow Plum	Harris	Medium	5	I	Yellow	3	2	GS	3	1	5	
Large cherry												
Black Plum	Territorial	Late	5	I	Red	4	2.5	GS	7	2	5	Cracking
Cherry Grande	Peto	Med early	4	D	Red	3.5	3.5	GS	6	3	4	

Transplants set out May 25, 2001, Corvallis, Oregon.

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

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

³Shoulder: UR = uniform ripening, GS = green shoulder.

⁴Sunburn scores based on 1–9 scale with 9 = most sunburn.

⁵Oblate = slightly flattened (as opposed to round).

⁶Locules are the internal divisions in the fruit that form the seed cavities; multilocular tomatoes have more than the usual three or four locules.

⁷Zippers are vertical scars on the fruit with some cross-hatching.

⁸Catfacing is unsightly scarring and distortion on the blossom end of the fruit.



Tomatoes

Variety	Source	Maturity	Overall Score ¹	Vine Type ²	Color	Fruit Height (cm)	Fruit Width (cm)	Shoulder ³	Leaf Cover ¹	Sunburn ⁴	Yield ¹	Notes ^{5,6,7,8}
Large cherry (continued)												
Green Grape	Territorial	Very late	5	I	Yellow	4	3.5	GS	7	1	5	Bushy plant; large fruit clusters
IPB	Oregon State University	Med early	5	I	Red	4	5	GS	7	1	5	Soft fruit; very similar to Stupice
Juliet	Known-You	Medium	5	I	Red	4	2.5	UR	7	1	4	Good flavor
Large German Cherry	Oregon State University	Medium	7	I	Red	4	4.5	GS	5	1	7	Large fruit clusters; very good flavor
Stupice	Territorial	Early	3	I	Red	4	4.5	GS	7	3	5	Soft fruit; sunburn; yellow shoulder

Processing

BHN 410	BHN	Medium	5	D	Red	8	5	UR	7	3	7	
Cortez	Sunseeds	Late	5	D	Red	5.5	5	UR	5	1	5	
Daiquiri	Vilmorin	Med late	5	SD	Red	7	5	UR	5	3	7	Good fruit clusters
Gala	Harris Moran	Med late	5	D	Red-orange	7.5	5.5	UR	4	3	5	
Hypeel 45	Peto	Med early	5	D	Red	6	4.56	UR	5	1	5	
Marcero II	Harris Moran	Medium	7	D	Red	7.5	5	UR	7	1	8	Thick walls
Oroma	Oregon State University	Medium	7	I	Red	10	4	UR	5	3	7	Concentrated yield of firm, long-keeping fruit; sparsely seedy
Plum Dandy	Harris Moran	Med late	5	D	Red	8	5.5	UR	5	3	6	
Red Century	Orsetti	Med late	5	D	Red	7.5	5	UR	5	3	7	
Red Agate	Johnny's	Med late	5	D	Red	8	5	UR	5	3	7	
Roma	Nichols	Med late	5	D	Red	7	4	UR	5	3	7	

Transplants set out May 25, 2001, Corvallis, Oregon.

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

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

³Shoulder: UR = uniform ripening, GS = green shoulder.

⁴Sunburn scores based on 1–9 scale with 9 = most sunburn.

⁵Oblate = slightly flattened (as opposed to round).

⁶Locules are the internal divisions in the fruit that form the seed cavities; multilocular tomatoes have more than the usual three or four locules.

⁷Zippers are vertical scars on the fruit with some cross-hatching.

⁸Catfacing is unsightly scarring and distortion on the blossom end of the fruit.



Tomatoes

Variety	Source	Maturity	Overall Score ¹	Vine Type ²	Color	Fruit Height (cm)	Fruit Width (cm)	Shoulder ³	Leaf Cover ¹	Sunburn ⁴	Yield ¹	Notes ^{5,6,7,8}
Processing (continued)												
Saucy	Oregon State University	Early	7	D	Red	6	4.5	UR	3	3	7	Concentrated yield of long-keeping fruit; thick walls; good flavor
Super Marzano	Peto	Med late	5	I	Red-orange	12	5	GS	9	3	7	Thick-walled
Super Sarno	Johnny's	Med late	5	D	Red	9.5	5	UR	6	5	5	Thick-walled
Vega	Harris Moran	Med late	5	D	Red	6.5	7	UR	3	5	7	
Veronica	Sakata	Med late	5	D	Red	7.5	5	UR	6	3	7	Mild flavor
Yaqui	Peto	Med late	5	D	Red	8	6	UR	3	5	6	
Slicing/processing												
Oregon Pride	Oregon State University	Late	5	D	Red	8.5	8	UR	3	5	6	Solid, multilocular fruit; long-keeping; strong tendency for seedless fruit
Oregon Star	Oregon State University	Med early	7	D	Red	10	8	UR	7	3	5	Large pear shape; multilocular, firm fruit; long-keeping; strong tendency for seedless fruit
Slicing												
Abigail	Hazera	Med late	5	I	Red	5	6.5	GS	3	3	7	Good fruit clusters
ACX 12	Abbott & Cobb	Med late	5	D	Red	7	8	UR	5	3	7	Firm fruit; cracking
ACX 12B	Abbott & Cobb	Med late	4	D	Red	8	8.5	UR	4	7	5	Very sweet flavor
Agriset 761	Agrisales	Medium	5	D	Red	8	8	GS	3	5	5	Firm fruit
Arkansas Traveler	Seeds of Change	Medium	3	I	Red	7	9	GS	7	5	3	Bushy plant
BHN 358	BHN	Med late	5	D	Red	7.5	10	UR	7	1	5	Oblate; catfacing
BHN 359	BHN	Med early	7	D	Red	7.5	8.5	UR	7	1	6	

Transplants set out May 25, 2001, Corvallis, Oregon.

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

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

³Shoulder: UR = uniform ripening, GS = green shoulder.

⁴Sunburn scores based on 1–9 scale with 9 = most sunburn.

⁵Oblate = slightly flattened (as opposed to round).

⁶Locules are the internal divisions in the fruit that form the seed cavities; multilocular tomatoes have more than the usual three or four locules.

⁷Zippers are vertical scars on the fruit with some cross-hatching.

⁸Catfacing is unsightly scarring and distortion on the blossom end of the fruit.



Tomatoes

Variety	Source	Maturity	Overall Score ¹	Vine Type ²	Color	Fruit Height (cm)	Fruit Width (cm)	Shoulder ³	Leaf Cover ¹	Sunburn ⁴	Yield ¹	Notes ^{5,6,7,8}
Slicing (continued)												
BHN 363	BHN	Med late	6	D	Red	6.5	9	UR	7	1	6	Cracking
BHN 377	BHN	Medium	4	D	Red	7.5	9	UR	7	1	5	
Big Beef	Territorial	Med late	5	I	Red	6.5	8	GS	5	5	5	Firm fruit
Bonny Best Improved	Nichols	Medium	4	I	Red	6	7	UR	5	3	6	Variable maturity
Brandywine	Territorial	Late	3	I	Red	8	10	GS	8	1	3	Good flavor
Burpee's Jubilee	Burpee	Medium	3	I	Orange	7	8	GS	5	7	4	
Bush Big Boy	Burpee	Med early	5	D	Red	7	9	UR	5	3	5	Mild cracking; good flavor
Bush Sirloin	Peto	Medium	3	D	Red	6	9	UR	5	3	5	Good flavor
Carmello	Nichols	Med late	3	I	Red	6	8	GS	3	5	7	Mild cracking
Carnival	Peto	Med early	3	D	Red	6.5	8.5	GS	3	9	6	Nearly every fruit has sunburn on crown
Caro Rich	Seeds of Change	Med late	5	I	Orange	6	8	GS	5	3	5	Very acidic flavor
Cherokee Purple	Nichols	Medium	2	I	Red	5.5	6.5	GS	3	7	3	Cracking; fruit rotting prior to maturity
Classy Lady	Sunseeds	Med early	4	D	Red	7.5	8.5	UR	7	5	5	Mild cracking
Costoluto Genovese	Territorial	Medium	3	I	Red	5	7.5	GS	3	7	3	Cracking
Daybreak	Johnny's	Med late	3	D	Red	7	8	GS	7	3	5	
Double Rich	Seeds of Change	Med late	5	I	Red	5	7	UR	3	3	5	
Echo Bay	Dean Palmer	Late	5	I	Red	7	8	UR	4	2	5	Firm fruit; good flavor; large core
Equinox	Agrisales	Medium	4	D	Red	7	7	UR	3	7	7	Good flavor
Evergreen	Nichols	Med early	3	I	Yellow-green	5.5	8.5	GS	3	1	5	
Fantastic	Territorial	Medium	5	I	Red	6	8	GS	5	1	5	
Francesca	Hazera	Med late	3	I	Red	6.5	7	GS	4	3	5	Cracking; mild flavor

Transplants set out May 25, 2001, Corvallis, Oregon.

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

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

³Shoulder: UR = uniform ripening, GS = green shoulder.

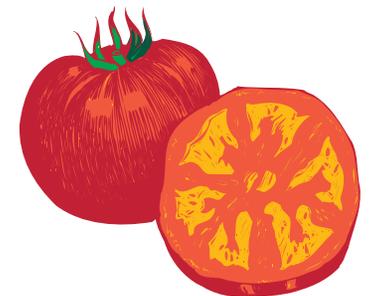
⁴Sunburn scores based on 1–9 scale with 9 = most sunburn.

⁵Oblate = slightly flattened (as opposed to round).

⁶Locules are the internal divisions in the fruit that form the seed cavities; multilocular tomatoes have more than the usual three or four locules.

⁷Zippers are vertical scars on the fruit with some cross-hatching.

⁸Catfacing is unsightly scarring and distortion on the blossom end of the fruit.



Tomatoes

Variety	Source	Maturity	Overall Score ¹	Vine Type ²	Color	Fruit Height (cm)	Fruit Width (cm)	Shoulder ³	Leaf Cover ¹	Sunburn ⁴	Yield ¹	Notes ^{5,6,7,8}
Slicing (continued)												
Gold Dust	Johnny's	Medium	6	D	Yellow	6	7	UR	1	3	7	
Golden Girl	Nichols	Medium	5	I	Orange	6	8	UR	4	3	6	
Great White	Johnny's	Very late	4	I	Yellow	7	10	GS	8	1	3	
Husky Red	Peto	Med late	3	D	Red	6	8	UR	3	3	5	
Jet Star	Harris Moran	Med late	3	I	Red	6	7.5	GS	4	3	3	
Jetsetter	Nichols	Med late	3	I	Red	6.5	9	GS	7	5	3	
JTO 99197	Johnny's	Med early	3	D	Red	4.5	8	UR	5	3	4	
Lemon Boy	Nichols	Med late	6	I	Yellow	6	7	GS	3	1	5	Cracking; very sweet and acidic
Majestic	Takii	Late	4	I	Red	7	9	GS	5	3	3	
Medford	Oregon State University	Med early	5	D	Red	7	8.5	UR	5	3	7	Good flavor
Merced	Rogers	Med late	5	D	Red	6	8	UR	5	5	6	Firm fruit
Monster	Grimes	Med late	3	I	Red	5	9	UR	8	1	2	Zippers
Mountain Spring	Rogers	Early	5	D	Red	7	9	UR	7	5	6	
New Yorker	Harris Moran	Early	3	D	Red	5	5	UR	1	5	7	Sprawling plant; fruit cracking
Nicklow's Doubletake	Territorial	Med late	5	I	Red	6.5	7	GS	3	3	7	
Old German	Harris	Medium	3	I	Red-orange	7	10	GS	7	5	3	
Oregon Spring	Oregon State University	Med early	4	D	Red	5.5	7	GS	5	7	7	Concentrated, early yield; strong tendency for seedless fruit
Orange Oxheart	Territorial	Medium	3	I	Orange	8	8.5	GS	5	3	3	
Persimmon	Territorial	Med late	4	I	Orange	6	6.5	UR	5	1	3	

Transplants set out May 25, 2001, Corvallis, Oregon.

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

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

³Shoulder: UR = uniform ripening, GS = green shoulder.

⁴Sunburn scores based on 1–9 scale with 9 = most sunburn.

⁵Oblate = slightly flattened (as opposed to round).

⁶Locules are the internal divisions in the fruit that form the seed cavities; multilocular tomatoes have more than the usual three or four locules.

⁷Zippers are vertical scars on the fruit with some cross-hatching.

⁸Catfacing is unsightly scarring and distortion on the blossom end of the fruit.



Tomatoes

Variety	Source	Maturity	Overall Score ¹	Vine Type ²	Color	Fruit Height (cm)	Fruit Width (cm)	Shoulder ³	Leaf Cover ¹	Sunburn ⁴	Yield ¹	Notes ^{5,6,7,8}
Slicing (continued)												
Pik Red	Harris Moran	Med late	3	D	Red	6.5	8	GS	3	5	4	Light radial cracking
QualiT 23	Territorial	Med late	4	D	Red	8	10	UR	5	5	7	Cracking
R440	LSL Bio	Med late	5	D	Red	7.5	9	UR	7	1	5	Good flavor
R494	LSL Bio	Medium	4	D	Red	7	8	UR	7	1	3	Good flavor
Royal Flush	Harris Moran	Med early		D	Red	6.5	9	UR	3	3	7	Cracking
Schimmeig Striped Hollow	Territorial	Late	3	I	Red	5.5	6	GS	5	5	5	Zippers; blocky fruit shape
Shady Lady	Sunseeds	Medium	3	D	Red	6.5	8	UR	5	5	4	
Show Girl	Sunseeds	Med late	5	D	Red	7	8	UR	6	5	7	
Siletz	Oregon State University	Medium	5	D	Red	6	6.5	GS	6	5	5	Concentrated, early yield; strong tendency for seedless fruit
Solimar	Asgrow	Med early	3	D	Red	6.5	7	GS	5	3	3	Firm fruit
Springfield	Harris Moran	Med late	7	D	Red	6.5	8	UR	5	3	7	
Summer Flavor 3000	Abbott & Cobb	Early	5	D	Red	6.5	8	UR	5	4	6	
Summer Flavor 4000	Abbott & Cobb	Medium	3	D	Red	7	8	GS	3	3	5	
Summer Flavor 5000	Abbott & Cobb	Medium	5	D	Red	6.5	8	GS	3	5	6	Cracking
Summer Flavor 6000	Abbott & Cobb	Medium	5	D	Red	7.5	8	GS	3	5	7	
Sun Leaper	Rogers	Med late	5	D	Red	7	9.5	UR	3	5	7	
Tough Boy	Takii	Late	3	I	Red	6	7	GS	3	1	5	Cracking
Willamette	Oregon State University	Medium	7	D	Red	6	8	UR	3	3	7	Productive; mild flavor
Willamette VF	Oregon State University	Med early	5	D	Red	6.5	8.5	UR	5	3	7	Some radial cracking

Transplants set out May 25, 2001, Corvallis, Oregon.

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

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

³Shoulder: UR = uniform ripening, GS = green shoulder.

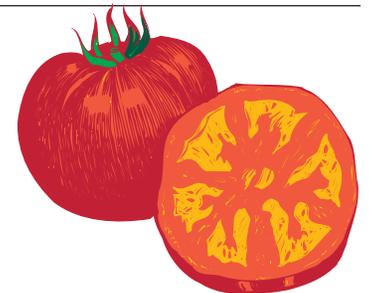
⁴Sunburn scores based on 1–9 scale with 9 = most sunburn.

⁵Oblate = slightly flattened (as opposed to round).

⁶Locules are the internal divisions in the fruit that form the seed cavities; multilocular tomatoes have more than the usual three or four locules.

⁷Zippers are vertical scars on the fruit with some cross-hatching.

⁸Catfacing is unsightly scarring and distortion on the blossom end of the fruit.



Tomatoes

Variety	Source	Maturity	Overall Score ¹	Vine Type ²	Color	Fruit Height (cm)	Fruit Width (cm)	Shoulder ³	Leaf Cover ¹	Sunburn ⁴	Yield ¹	Notes ^{5,6,7,8}
Small slicing												
Black Prince	Nichols	Med late	3	I	Red	5.5	6	GS	3	5	5	Cracking; good acid flavor
First Lady II	Territorial	Med early	5	I	Red	6	7	GS	3	5	5	
Fourth of July	Burpee	Medium	7	I	Red	4.5	4.5	GS	6	1	5	
Garden Peach	Territorial	Med early	4	I	Yellow	4.5	5.5	GS	2	1	5	
Glacier	Territorial	Med early	3	I	Red	4.5	5.5	GS	3	5	3	Cracking
Kootenai	Territorial	Medium	4	D	Red	5.5	7	UR	5	7	5	
Miracle Sweet	Nichols	Medium	5	I	Red-orange	5	6	UR	3	5	7	Mild cracking
Northern Delight	Territorial	early	5	D	Red	4	4	GS	3	5	5	
Octavio	Johnny's	Med late	5	I	Red	4.5	5.5	UR	4	2	7	Large fruit clusters
Santiam	Oregon State University	Early	5	D	Red	5	7	GS	5	3	4	Similar to Oregon Spring; slightly earlier and slightly smaller
Seattle's Best of All	Territorial	Medium	5	I	Red	5	7	GS	3	7	6	Nice fruit clusters
Severianin	Oregon State University	Medium	5	D	Red	5	6.5	GS	3	3	5	
Tiger-Like	Territorial	Medium	5	I	Red	4	4.5	UR	3	2	5	Mild cracking

Stuffing

Yellow Stuffer	Stokes	Med late	4	I	Yellow	6.5	8.5	GS	6	1	4	Zippers; hollow, blocky fruit
----------------	--------	----------	---	---	--------	-----	-----	----	---	---	---	-------------------------------

Transplants set out May 25, 2001, Corvallis, Oregon.

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

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

³Shoulder: UR = uniform ripening, GS = green shoulder.

⁴Sunburn scores based on 1–9 scale with 9 = most sunburn.

⁵Oblate = slightly flattened (as opposed to round).

⁶Locules are the internal divisions in the fruit that form the seed cavities; multilocular tomatoes have more than the usual three or four locules.

⁷Zippers are vertical scars on the fruit with some cross-hatching.

⁸Catfacing is unsightly scarring and distortion on the blossom end of the fruit.



Watermelons

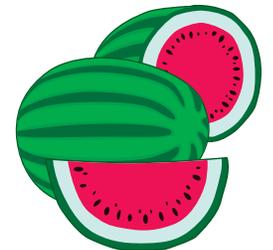
Variety	Source	Overall Score ¹	Brix ²	Seed Color	Flesh Color	Rind Color	Fruit Length (cm)	Fruit Width (cm)	Yield ¹	Disease ³	Notes
Bright Gem	Known-You	3	9.2	Brown	Red	Dark green stripe	26	26	3	3	Circular markings on rind; coarse flesh
Buttercup	Dean Palmer	5	8.0	Seedless	Yellow	Light green with dark green stripe	20	21	3	3	Late; coarse texture
Carmen	Harris	5	10.2	Brown	Red	Dark green stripe	25	26	3	3	
Carolina Cross	Territorial	1	9.6	Brown	Red	Light green with dark green stripe	36	31	1	3	Very late; severe cracking
Cathay Belle	Known-You	3	10.2	Seedless	Orange-red	Dark green stripe	16	17	3	5	
Charleston Gray	Hollar	3	10.4	Brown	Red	Light green with dark green mottle	45	24	5	3	Bad cracking; coarse texture
Constitution	Sunseeds	5	11.6	Seedless	Red	Light green with dark green stripe	21	21	5	8	Circular markings on rind; variable shape; firm flesh; cracking; dimpled ends
Crimson Trio	Rogers	3	10.0	Brown	Red	Green with white stripe	24	25	5	7	
Dulce Verde	Dean Palmer	3	12.0	Brown	Red	Dark green	27	26	5	7	Cracking
Fantastik	Abbott & Cobb	3	9.8	Seedless	Red	Light green with dark green stripe	27	26	3	1	Bad cracking; firm texture; dimpled ends
Fiesta	Rogers	5	9.6	Black	Red	Light green with dark green stripe	33	23	3	3	Circular markings on rind; moderate cracking
Freedom	Sunseeds	5	12.6	Seedless	Red	Light green with dark green stripe	28	21	3	5	Moderate cracking
Garden Baby	Territorial	1	9.2	Black	Red	Dark green	21	19	1	3	Bad cracking; compact vine
HMX 7927	Harris Moran	5	11.0	Black	Red	Light green with dark green stripe	24	23	7	7	Circular markings on rind
Laurel	Takii	3	11.2	Seedless	Red	Dark green with light green stripe	20	21	1	3	No cracking
Mardi Gras	Rogers	3	10.0	Black	Red	Light green with dark green stripe	39	22	3	1	Circular markings on rind; bad cracking
Millennium	Harris Moran	6	10.6	Seedless	Light red	Solid green	23	21	5	7	Nice interior, no cracking
Millionaire	Harris Moran	5	12.0	Brown	Red	Light green with dark green stripe	24	25	5	7	Small seeds; moderate cracking
Nova	Sakata	3	12.0	Seedless	Pink	Light green with dark green stripe	19	20	7	7	Vines are dying
Paradise	Harris Moran	3	11.5	Brown	Red	Light green with dark green stripe	30	23	5	5	Large seed cavity; cracking
Revolution	Sunseeds	5	11.6	Seedless	Red	Light green with dark green stripe	27	24	5	3	Bad cracking; coarse texture

Planted June 8, 2001, Corvallis, Oregon.

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

²Brix = percent soluble solids (a measure of sweetness in fruit; higher numbers mean sweeter fruit).

³Disease scores based on 1–9 scale with 9 = severe (primary pathogen was angular leaf spot).



Watermelons

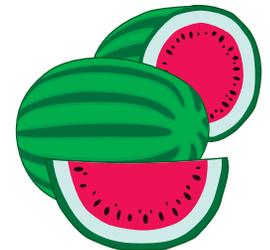
Variety	Source	Overall Score ¹	Brix ²	Seed Color	Flesh Color	Rind Color	Fruit Length (cm)	Fruit Width (cm)	Yield ¹	Disease ³	Notes
Royalty	Seeds by Design	3	12.2	Brown	Red	Light green with dark green stripe	30	25	3	3	Circular markings on rind; bad cracking
Sangria	Rogers	3	13.4	Black	Red	Light green with dark green stripe	35	23	3	1	Circular markings on rind; severe cracking
Smile	Takii	5	11.8	Brown	Orange-red	Light green with dark green stripe	21	18	3	1	
Stars 'N Stripes	Asgrow	7	11.0	Brown	Red	Light green with dark green stripe	40	21	7	5	Little cracking; pear-shaped
Sultan	Harris Moran	5	11.6	Seedless	Red	Light green with dark green stripe	33	26	3	3	Bad interior cracking
Summer Flavor 420	Abbott & Cobb	5	11.4	Brown	Red	Light green with dark green stripe	32	27	5	3	Bad cracking, seed cavity, fibrous flesh
Summer Flavor 500	Abbott & Cobb	5	11.4	Brown	Red	Green stripe	39	23	3	3	
Summer Flavor 510	Abbott & Cobb	7	10.0	Black	Red	Light green with dark green stripe	29	23	5	3	Circular markings on rind
Summer Flavor 710	Abbott & Cobb	3	11.8	Brown	Red	Green with white stripe	35	25	3	3	Susceptible to white mold; severe cracking
Summer Flavor 800	Abbott & Cobb	3	12.2	Black	Red	Light green with dark green stripe	34	22	3	7	Susceptible to botrytis and white mold
Summer Flavor 810	Abbott & Cobb	3	10.2	Brown	Red	Dark green with thin, light stripe	42	23	3	1	Bad cracking
Summer Flavor 900	Abbott & Cobb	7	10.6	Black	Red	Light green with dark green stripe	37	25	5	3	
Summer Flavor 910	Abbott & Cobb	8	11.2	Black	Red	Light green with dark green stripe	33	23	7	1	Circular markings on rind; moderate cracking
Summer Sweet 3521Y	Abbott & Cobb	7	11.4	Seedless	Yellow	Light green with dark green stripe	20	21	5	3	Dimpled ends; light cracking
Summer Sweet 5244	Abbott & Cobb	3	11.4	Seedless	Red	Light green stripe	28	26	3	7	Bad cracking
Summer Sweet 5544	Abbott & Cobb	7	11.8	Seedless	Red	Light green with dark green stripe	29	24	5	1	Moderate cracking
Super Seedless 7167	Abbott & Cobb	5	11.4	White	Red	Light green with dark green stripe	24	22	5	5	
Super Seedless 7177 HQ	Abbott & Cobb	3	9.2	White	Red	Light green stripe	21	24	5	3	Bad cracking; fibrous flesh; poor flavor
Super Seedless 7187 HQ	Abbott & Cobb	3	11.2	Seedless	Red	Light green stripe	22	23	3	5	Bad cracking
Sweet Amigo	Dean Palmer	5	11.8	Brown	Red	Light green with dark green stripe	35	23	5	7	Coarse texture

Planted June 8, 2001, Corvallis, Oregon.

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

²Brix = percent soluble solids (a measure of sweetness in fruit; higher numbers mean sweeter fruit).

³Disease scores based on 1–9 scale with 9 = severe (primary pathogen was angular leaf spot).



Watermelons

Variety	Source	Overall Score ¹	Brix ²	Seed Color	Flesh Color	Rind Color	Fruit Length (cm)	Fruit Width (cm)	Yield ¹	Disease ³	Notes
Tiger Baby	Nichols	5	10.2	Brown	Red	White with dark green stripe	20	23	5	3	Susceptible to white mold; firm texture; low fiber; dimpled ends
Tiny Orchid	Known-You	5	10.6	Black	Yellow	Med green with dark green stripe	20.5	19.5	3	1	Early; splits easily
Trillion	Abbott & Cobb	3	12.2	Seedless	Red	Light green with green stripe	25	22	3	3	Light cracking; dimpled ends
Winter King & Queen	Nichols	6	10.0	Brown	Light pink	Gray	22	22	7	7	Susceptible to white mold; late
Yellow Doll	Harris	5	10.2	Black	Yellow	Green with white stripe	17	17	3	5	Cracking
Yellow Sunshine	Johnny's	7	12.6	Brown	Yellow	Light green with dark green stripe	26	21	5	2	Cracking; coarse texture

Planted June 8, 2001, Corvallis, Oregon.

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

²Brix = percent soluble solids (a measure of sweetness in fruit; higher numbers mean sweeter fruit).

³Disease scores based on 1–9 scale with 9 = severe (primary pathogen was angular leaf spot).

