

Vegetable Variety Trials

2002

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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.oregonstate.edu/dept/NWREC/vegindex.html

Oregon State University Extension Service offers short publications on specific crops, garden planning, site preparation, and more. You can find many publications on the Web at eesc.oregonstate.edu, or write to Extension & Station Communications, Oregon State University, 422 Kerr Administration, Corvallis, OR 97331-2119; email: purborders@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

*Asgrow Seed Co., @ Seminis Vegetable Seeds, 2700 Camino Del Sol, Oxnard, CA 93030-7967

W. Atlee Burpee Co., 300 Park Avenue, Warminster, PA 18991

*Bejo Seeds, PO Box 859, Oceano, CA 93455
BHN Research, 16750 Bonita Beach Road, Bonita Springs, FL 34135

*W. Brotherton Seed Co., PO Box 1136, Moses Lake, WA 98837

*Crookham Co., PO Box 520, Caldwell, ID 83606-0520

*Enza Zaden North America, 1352 Burton Avenue, Salinas, CA 93901

Gurney's Seed and Nursery, PO Box 4178, Greendale, IN 47025-4178

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

Harris Seed, PO Box 24966, Rochester, NY 14624-0966

*Hazera Seeds, Inc., 2250 East Imperial Highway, Suite 200, El Segundo, CA 90245

*Hollar & Co., Inc., PO Box 106, Rocky Ford, CO 81067

*Hungnong Seed, @ Seminis Vegetable Seeds, 2700 Camino Del Sol, Oxnard, CA 93030-7967

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

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

Nichols Garden Nursery, 1190 Old Santiam Road NE, Albany, OR 97321

Oregon State University, J.R. Myers, Department of Horticulture, ALS 4017, Corvallis, OR 97331-7304

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

*PetoSeeds, @ Seminis Vegetable Seeds, 2700 Camino Del Sol, Oxnard, CA 93030-7967

Pinetree Garden Seeds, PO Box 300, New Gloucester, ME 04260

*Rogers Vegetable Seed, @ Syngenta Seeds, Inc., PO Box 4188, Boise, ID 83711-4188

*Rupp Seeds, Inc., 17919 County Road B, Wauseon, OH 43567

*Sakata Seed America, Inc., 18095 Serene Road, Morgan Hill, CA 95037

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

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

Stokes Seeds, PO Box 548, Buffalo, NY 14240-0548

*Sunseeds, PO Box 2078, Morgan Hill, CA 95038-2078

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

*Takii, @ American Takii, 301 Natividad Rd., Salinas, CA 93906

Territorial Seed Co., PO Box 158, Cottage Grove, OR 97424-0061

*Vilmorin, Inc., @ Paramount Seeds, Inc., PO Box 1866, Palm City, FL 34991

*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 2002. Revised March 2003.

Beans, Snap

Variety ¹	Source	Color	Sieve Size ²	Days to Harvest	Length (cm)	Cross section	Color ³	Straight-ness ³	Smooth-ness ³	Strings	Plant Habit ⁴	Yield ³	Overall Score ³	Notes ⁵
BBL 274	Burpee	Green	Full	63	15	Round	2	6	7	No	1	3	3	Not a true BBL
BBL 47	Burpee	Green	Full	68	14	Round	2	3	4	No	7	3	3	
Blue Lagoon	Nichols	Dark green	Full	68	14	Round	6	6	7	No	3	8	7	Same as OR 54
Burpee's Tenderpod	Burpee	Green	3	60	7–8	Round	4	2	5	No	8	4	3	
Cherie	Johnny's	Green	2	68	12	Round	5	6	3	Yes	8	5	4	
Contender	Burpee	Green	Full	63	15	Round	3	3	4	No	5	4	3	Mix of oval and round pods; purple flecks on pods; fiber
Derby	Nichols	Green	4	63	11	Round	3	5	6	No	8	5	6	
Earliserve	Harris	Green	Full	55	12	Oval	3	4	6	Part	7	4	6	
Espada	Harris	Green	Full	72	13	Round	5	7	5	No	2	5	5	Contains flat off-types
Goldmine	Asgrow	Yellow	4	68	11	Round	3	7	5	Part	3	7	4	
Greencrop	Burpee	Green	Full	66	16	Flat	3	6	6	No	7	4	5	Fiber
Greensleeves	Burpee	Green	Full	66	11	Round	5	3	5	No	7	3	4	
Grenoble	Johnny's	Green	3	63	12	Round	5	6	5	Yes	5	7	4	Contains oval off-types
Heavyweight	Burpee	Dark green	Full	70	11	Round	7	5	5	No	7	4	5	Shiny pods
Indy Gold	Johnny's	Yellow	4	66	12	Round	3	6	5	No	5	5	5	
Jade	Territorial	Green	4	70	15	Round	4	6	5	No	5	6	6	Shiny pods
La France	Burpee	Green	2–3	66	12	Round	3	5	3	Yes	7	3	3	
Maxibel	Territorial	Green	2–3	66	16	Round	3	4	6	Slight	3	5	3	Very long, slender pods
Minuette	Harris Moran	Green	4	63	11	Round	4	5	4	No	7	7	6	
Nickel	Territorial	Green	2–3	70	11	Round	4	4	6	Yes	8	6	6	
Provider	Johnny's	Green	4	60	11	Round	3	7	8	No	5	8	7	Contains oval off-types
Rocdor	Nichols	Yellow	3	66	13	Round	5	4	5	Part	2	7	4	
Slenderwax	Harris	Yellow	3–4	68	11	Round	4	5	6	Part	6	8	6	
Stringless French Filet	Burpee	Green	2–3	68	17	Round	3	5	4	No	3	5	4	

¹Planted June 13.

²Sieve size refers to diameter, with full indicating standard-size beans, 4 indicating intermediate-size beans, and 2 or 3 indicating small (slender) beans.

³Scores based on 1–9 scale, with 9 = best color, straightest, smoothest, or highest yield.

⁴Upright plant habit is preferable because pods are kept off the ground and diseases, such as white mold, may be avoided.

⁵BBL stands for bush blue lake, a type of snap bean known for excellent quality and flavor. OR 54 is an OSU-released variety; Blue Lagoon is the same bean under a different name.



Beans, Snap

Variety ¹	Source	Color	Sieve Size ²	Days to Harvest	Length (cm)	Cross section	Color ³	Straight-ness ³	Smooth-ness ³	Strings	Plant Habit ⁴	Yield ³	Overall Score ³	Notes ⁵
Tema	Stokes	Green	3	66	13	Round	3	4	5	No	7	5	5	
Tendercrop	Nichols	Green	4	66	12	Round	2	7	7	No	7	4	6	Sweet
Totem	Territorial	Green	2–3	66	15	Round	3	3	3	No	6	4	2	
Venture	Territorial	Green	4	55	14	Round	2	3	5	No	8	6	6	Sweet
Xera	Johnny's	Green	3	70	12	Round	5	7	3	Slight	5	5	5	Shiny pods

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Beets

Variety ¹	Source	Color	Shape ²	Top Vigor ²	Top Health ²	Maturity ³	Overall Score ²	Notes ⁴
Albina Verduna	Territorial	White	1	5	5	3	1	Long beet, variable shape; very dark green tops
Big Top	Johnny's	Red	3	5	5	3	2	Tall, vigorous greens; much zoning
Blankoma	Johnny's	White	3	5	5	3	1	Very green, tall tops
Bull's Blood	Johnny's	Red	2	5	5	2	2	Dark red with much zoning
Cyndor	Territorial	Red	1	3	3	2	2	Long beet; variable shape; good color
Detroit Dark Red	Harris	Red	3	3	4	3	3	
Moneta	Johnny's	Red	3	2	3	2	2	Some zoning
Pacemaker III	Territorial	Red	4	4	4	4	4	Nice; uniform; good color
Red Ace	Johnny's	Red	3	3	3	3	3	Good color
Warrior	Harris	Red	3	2	2	2	3	Some flat

¹Planted June 11.

²Scores based on 1–5 scale, with 5 = best.

³Scores based on 1–5 scale, with 5 = earliest.

⁴Zoning refers to rings of different (usually lighter) color in roots.



Broccoli

Variety ¹	Source	Maturity Date	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	Downy Mildew ⁹	Overall Score Processing ¹⁰	Overall Score Home Garden ¹⁰	Notes
Centauro	Takii	10 Oct	40	16	5	5	7	3	1	3	5	1	3	3	7	Vigorous plant with large leaves
FMX 286	Harris Moran	6 Oct	29	14	4	3	5	3	1	3	5	3	3	1	5	
Genji	Johnny's	6 Oct	53	14	4	3	7	5	5	7	7	3	3	5	7	
Montecristo	Takii	6 Oct	52	15	4	3	7	3	5	3	7	1	3	3	7	Sweet flavor
Sultan	Sakata	30 Sep	38	13	5	3	7	5	3	3	3	1	2	4	5	Bland flavor
Sussex	Rogers	6 Oct	52	15	4	3	8	3	5	3	7	1	3	3	7	

¹Planted July 11.

²Scores based on 1–9 scale, where 1 = concave, 3 = flat, and 9 = extreme dome. A dome shape is preferred to enable water to run off the head, minimizing head rot.

³Scores based on 1–9 scale, where 1 = yellow green and 9 = dark blue green. Processors prefer a dark blue-green head; home gardeners may not care.

⁴Scores based on 1–9 scale, where 1 = large, coarse beads and 9 = small, refined beads (preferred). 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 9 = most uniform.

⁸Scores based on 1–9 scale, where 1 = no branching and 9 = many well-developed branches.

⁹Scores based on 1–9 scale, with 9 = severe.

¹⁰Scores based on 1–9 scale, with 9 = best. Processing types must be uniform and have a large main head for once-over harvest, as well as being well exserted with good head segmentation and dark blue-green color. Home gardeners may be more interested in good branching for an extended harvest, and less demanding about good exsertion and head segmentation.

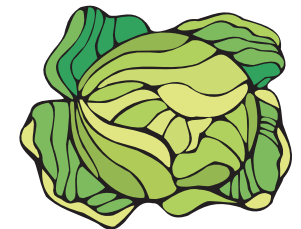


Cabbage

Variety ¹	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	Notes
Augusta	Rogers	Fresh market	Medium	19	22	9	Green	Cream	9	4	6	Crisp; mild flavor
Blue Lagoon	Harris	Fresh market	Medium	17	19	7	Blue-green	Cream	4	7	5	Bland, slightly sweet flavor
Blue Thunder	Harris	Fresh market	Medium	17	19.5	9.5	Light blue-green	Cream	5	5	5	Very mild flavor
Cheers	Takii	Fresh market	Medium	20	24	6.5	Blue-green	Cream	3	7	3	Sharp flavor
Crown	Johnny's	Fresh market	Medium early	20	20	11.5	Blue-green	Cream	7	5	5	
Dynasty Mix	Nichols	Fresh market	Variable	14–16	15–19	7.5–9	Mix	Mix	3–7	3	5	A mix of Dynasty types, from blue-green to purple and fairly dense to loose heads; sharp flavor
Fast Vantage	Sakata	Fresh market	Early	17	18	7	Yellow-green	Off-white	9	7	8	Sharp flavor
Fortress	Harris Moran	Fresh market	Medium	21	18	11.5	Blue-green	Pale green	4	7	3	Tall plants with heads held high; slightly sharp flavor
Golden Cross	Takii	Fresh market	Early	14	14	5.5	Green	Pale yellow	7	3	7	Good, mild flavor
Izalco	Rogers	Fresh market	Medium	20	21	9	Blue-green	Yellow-green	7	3	7	Very good, sweet flavor
Red Jewel	Sakata	Fresh market	Medium	14	20	8	Purple	Purple	3	7	5	Sweet, slightly sharp flavor
Red Rookie	Sakata	Fresh market	Medium	14.5	18.5	7.5	Purple	Purple	3	7	5	Bland flavor
Roulette	Johnny's	Fresh market	Medium	20	20.5	8.5	Blue-green	Yellow-green	5	3	3	Thick core; slightly sharp flavor, not sweet
Royal Vantage	Sakata	Fresh market	Medium	17.5	20.5	9	Blue-green	Yellow-green	5	7	7	Good, sweet flavor
Supreme Vantage	Sakata	Fresh market	Medium early	19	20	11	Blue-green	Cream	3	5	3	Mild flavor
Talisman	Harris Moran	Fresh market	Medium	17	17.5	9.5	Blue-green	Pale green	9	1	7	Good, mild, slightly sweet flavor
Kilosa	Johnny's	Savoy	Medium early	20	20	11.5	Blue-green	Yellow-green	7	5	8	Better flavor and head density than typical savoy type
Savoy King	Sakata	Savoy	Medium	13	23	9	Green	Yellow-green	9	4	7	Mild, slightly sweet flavor
Solid Savoy	Rogers	Savoy	Medium	19	18	7.5	Blue-green	Yellow-green	8	5	5	Bland flavor
Crown	Johnny's	Storage	Late	16	17	9	Blue-green	Cream	3	7	5	Good, sweet flavor
Storage Hybrid #4	Johnny's	Storage	Late	17	18.5	10.5	Yellow-green	Cream	9	7	7	Mild flavor

¹Planted July 11.

²All scores based on 1–9 scale, with 9 = best.



Carrots

Variety ¹	Source	Type ²	Color	Length (cm)	Width (cm)	Top Vigor ³	Cracking & Defects	Overall Score ³	Notes ⁴
Amstrong	Territorial	Nantes	Medium orange	15.5	2	3	None	6	Not very straight; darkening at crown
Apache	Sunseeds	Imperator	Medium orange	17	3	7	None	7	Straight
Caropak	Nichols	Imperator	Medium orange	15	3.5	7	None	5	Variable shape; straight
Danvers	Territorial	Danvers	Light orange	13.5	5	9	Forking; no cracking or splitting	6	Bolting; variable in size and shape
Healthmaster	Nichols	Danvers	Medium orange	11.5	3.5	7	None	6	One bolter; variable size; uniform shape; not straight
Indiana	Bejo	Imperator	Dark orange	11	2	7	None	6	Tall tops; good interior color; uniform; not straight
Kinbi	Johnny's	Chantenay	Yellow	12	5.5	4	None	5	Bolting; green shoulders
Kuroda	Harris	Nantes	Light orange	13	4	4	Some forking; no cracking	6	Uniform; straight; some reddening of crown
Nantaise	Territorial	Nantes	Dark orange	12	3.5	5	None	6	Variable size; straight
Nantindo	Harris	Nantes	Medium orange	16.5	3.5	7	Forking; some cracking	6	Variable size; green shoulders
Napa	Territorial	Nantes	Dark orange	16	2.7	6	None	9	Uniform size and shape; very straight
Nevis	Johnny's	Nantes	Medium orange	14	3	7	None	7	Variable shape; not straight
Parmex	Johnny's	Small round	Light orange	5	4.5	5	Severe splitting; hollow tips	3	Bolting; variable size and shape
Rodelika	Territorial	Nantes	Medium orange	14	3.5	8	Lots of forking; some cracking	4	
Royal Chantenay	Territorial	Chantenay	Light orange	11	4	9	None	7	Bolting; fairly uniform
Sugarsnax 54	Sunseeds	Imperator	Medium orange	15.5	2.3	6	Forking	3	Variable size; not straight
Sweetness II	Nichols	Imperator	Light orange	15	2.5	4	None	7	Fairly uniform, but not straight
Thumbelina	Territorial	Small round	Light orange	6	5.5	5	None	7	Bolting; fairly uniform
Tripleplay 58	Sunseeds	Imperator	Medium orange	14	2.5	8	Cracking	5	Variable size and shape
Yellowstone	Territorial	Nantes	Yellow	14.5	3	6	None	5	Bolting; variable length and color; green shoulders

¹Planted June 11.

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.

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

⁴Bolting is the premature formation of a seed stalk.



Cauliflower

Variety ¹	Source	Maturity Date	Head Height (cm)	Head Width (cm)	Solidity ²	Color	Wrapper Leaves ³	Uniformity ²	Downy Mildew ⁴	Overall Score Processing ⁵	Overall Score Home Garden ⁵	Notes
Amazing	Johnny's	Medium	7	13	3	Cream	5	5	3	3	8	Exceptionally sweet and mild flavor
Graffiti	Johnny's	Medium	7.5	17	3	Purple	7	5	5	0	5	Not sweet; slightly bitter; beautiful color
Icon	Harris Moran	Medium	8.5	17.5	5	Near white	6	5	2	5	7	Mild flavor; large, vigorous plants
Majestic	Sakata	Early	6	12	5	Cream	5	5	2	5	7	Mild flavor
Quasar	Johnny's	Medium	9	17	3	White	8	5	7	3	5	Pleasant flavor
Snow Crown	Takii	Early	6.5	10	7	White	7	3	1	3	9	Some purpling in head; big, vigorous plants; slightly sharp flavor
Snow Mystique	Takii	Late	8	14	7	Near white	5	5	2	7	7	Mild, sweet flavor
White Magic	Sakata	Late	7.5	14.5	5	Cream	7	5	1	5	9	Mild, sweet flavor

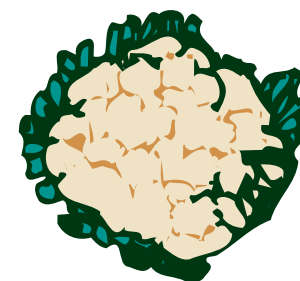
¹Planted July 11.

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

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

⁴Scores based on 1–9 scale, with 9 = severe.

⁵Scores based on 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 less on bright white color, solidity, and yield.



Corn, Sweet

Variety ¹	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 ^{4,5}	Ear Uniformity ^{4,6}	Overall Flavor ⁴	Score ⁴	Notes
CSEYPI-5	Crookham	se	Yellow	96	9.0	1.07	0.64	7.3	2.05	11	122	3	3	2.5	3	
CSUYPI-1	Crookham	su	Yellow	109	8.6	0.93	0.71	8.3	2.10	11	124	3	2.5	3.5	2.5	Some curved ears
CSUYPI-2	Crookham	su	Yellow	102	6.8	0.76	0.71	8.0	2.15	11		3	2	4	2	Poor yield and highly variable; some curved ears
CSUYPI-6	Crookham	su	Yellow	103	7.8	0.97	0.61	7.5	2.00	13	82	2.5	1.5	2.5	1.5	Some curved ears
CSUYPI-7	Crookham	su	Yellow	102	9.7	1.14	0.70	9.1	2.00	12	92	3	1.5	4	2	
EX 08711607	Asgrow	su	Yellow	96	9.9	1.11	0.76	7.7	2.25	12	76	2.5	4	4	3.5	Main fault is coarse kernels
EX 08715864	Asgrow	su	Yellow	99	8.1	0.96	0.67	8.1	2.10	12	91	3	2	3.5	2.5	Not sweet but good corn flavor
GH 2041	Rogers	su	Yellow	92	9.4	1.22	0.66	8.1	2.10	12.5	108	3	2.5	3.5	3	Some curved ears
GH 2148	Rogers	su	Yellow	103	9.8	0.97	0.68	8.5	1.95	11	84	3	3	4	3	Some curved ears
GH 2298	Rogers	su	Yellow	99	10.6	1.33	0.63	8.0	2.00	13	88	3	3	3.5	3	
GH 2385	Rogers	su	Yellow	103	13.0	1.55	0.71	7.8	2.20	12.5	103	3	3	4	3	
GH 2684	Rogers	se	Yellow	102	10.8	1.24	0.66	8.3	2.05	12.5	85	2.5	3.5	4	3	Coarse kernels and poor tip fill, otherwise very nice
Intrigue	Crookham	se	Yellow	96	10.3	1.02	0.73	7.2	1.90	10	111	4	3.5	3	3	Highly variable maturity
Jubilee	Rogers	su	Yellow	99	9.8	1.31	0.61	7.8	2.00	13	79	3	3.5	3.5	3.5	
Prelude	Crites Moscow	su	Yellow	88	8.7	1.31	0.56	7.1	1.95	11	103	4	3	5	3	Very sweet
XP 8414247	Asgrow	se	Yellow	102	11.4	1.42	0.71	7.5	2.15	11	69	3.5	3	4	3	
Fantasia	Asgrow	se	White	99	8.8	1.17	0.58	7.4	1.95	11	58	4.5	3.5	5	4	

¹Planted June 27 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.

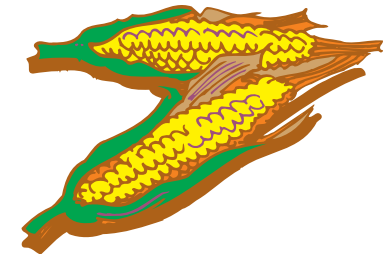
²Endosperm type: su = sugary, se = sugary enhanced, sb = triple sweet or "sweet breed" types (25% supersweet kernels), which are similar in sweetness to supersweet types but can be planted with sweet and sugary enhanced types, although some loss in quality may be observed. Triple sweet types must be 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.



Corn, Sweet

Variety ¹	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 ^{4,5}	Ear Uniformity ^{4,6}	Overall Flavor ⁴	Score ⁴	Notes
Brocade	Harris	se	Bicolor	96	10.7	1.23	0.66	8.0	2.10	11	70	4	2.5	4	3.5	Good yield and flavor
Clockwork	Johnny's	se	Bicolor	99	10.8	1.19	0.67	7.2	2.15	12	98	2.5	2	3.5	3	Coarse kernels; highly variable
Delectable	Johnny's	se	Bicolor	102	9.2	0.97	0.73	7.9	2.15	12	73	4	3	4	3.5	Good flavor but not especially sweet; tender
Fleet	Johnny's	se	Bicolor	83	5.4	0.91	0.41	6.6	1.75	10	61	2.5	2	4	3	Very good flavor but only fair yield
Mystique	Johnny's	se	Bicolor	88	6.8	1.03	0.52	7.5	1.90	11	71	3	1.5	3.5	2	
Sweet Chorus	Harris	sb	Bicolor	83	9.1	1.74	0.44	7.4	1.85	10	92	2.5	3	3.5	3.5	Good flavor and good yield
Sweet Symphony	Harris	sb	Bicolor	83	7.5	1.06	0.49	7.3	1.80	10	76	3.5	4	3.5	4	Nice-looking, small ears; lacks corn flavor but sweet
Temptation	Asgrow	se	Bicolor	88	7.5	1.29	0.48	6.9	1.90	10	80	2.5	3	4	3	

¹Planted June 27 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.

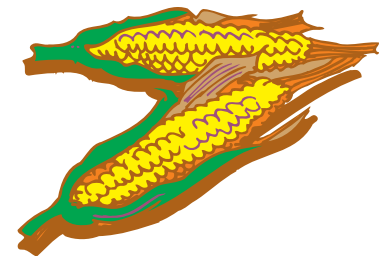
²Endosperm type: su = sugary, se = sugary enhanced, sb = triple sweet or "sweet breed" types (25% supersweet kernels), which are similar in sweetness to supersweet types but can be planted with sweet and sugary enhanced types, although some loss in quality may be observed. Triple sweet types must be 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.



Cucumbers

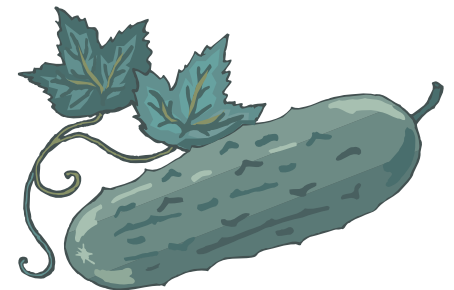
Variety ¹	Source	Maturity	Type ²	Spine Color	Skin Color	Fruit Length (cm)	Fruit Width (cm)	Vigor ³	Disease ⁴	Yield ³	Overall Score ³	Notes
ACX 5001	Abbott & Cobb	Early	American slicer	White	Dark green	20	5	8	5	7	7	
Amira	Territorial	Mid	Middle Eastern slicer	White	Medium green	16.5	4.5	4	8	7	5	
Marketmore 76	Hollar	Late	American slicer	White	Dark green	21.5	5	5	4	4	6	
Panther	Sunseeds	Mid	American slicer	White	Dark green	20.5	5	5	7	7	7	Good flavor and texture
Slice King	Sakata	Mid	American slicer	White	Dark green	21	4.5	8	3	7	7	
Sweet Zena	Sakata	Early	Middle Eastern slicer	White	Medium green	13.5	4	4	7	6	8	Good flavor and texture
Tasty Green	Sakata	Mid	Japanese slicer	White	Medium green	36	5	7	7	5	5	
Timor	Hazera	Early	Middle Eastern slicer	White	Medium green	22	4.5	6	6	7	7	Mild and sweet

¹Planted June 7, with 60" row spacing.

²American slicers have dark green, relatively thick, and typically bumpy skin; Middle Eastern slicers have mild flavor and smooth, bright green, tender skin that does not require peeling; Japanese slicers are tender-skinned, mild-flavored, medium green, and typically very long.

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

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



Edamame

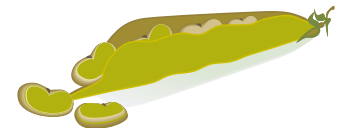
Variety ¹	Source	Maturity	Pubescence		% 3 Seed ²	Yield ³	Overall Score ³	Notes ⁴
			Color					
Butterbeans	Johnny's	Medium	Brown		25	7	7	Large plant; multiple pods per node; lots of skips; severe lodging
Early Hakucho	Osborne	Medium	Brown		10	4	5	Good branching but only 1–2 pods per node; moderate lodging
Lucky Lion	Takii	Medium	Gray		5	4	5	Mostly single pods per node; moderate lodging
Misono Green	Territorial	Early	Gray		20	6	7	Mostly two pods per node; moderate lodging
Sayamusume	Territorial	Medium	Brown		40	7	8	Good branching; multiple pods per node
Shirofume	Sakata	Late	Gray		5	6	6	Good branching; multiple pods per node but few pods with 3 seeds; severe lodging

¹Planted June 19.

²% 3 seed refers to the percent of pods that contain 3 or more seeds.

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

⁴Skips refers to empty spaces in the pod where seeds failed to develop.



Eggplants

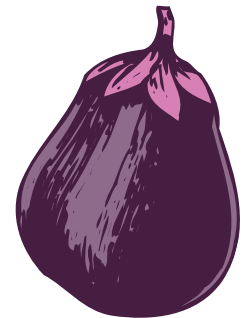
Variety ¹	Source	Fruit Color	Maturity	Fruit Shape	Fruit Length (cm)	Fruit Width (cm)	Yield ²	Disease Severity ³	Plant Height (cm)	Plant Width (cm)	Overall Score ²	Notes ⁴
Bambino	Peto	Dark purple	Early	Round	3.5	4.5	8	5	29	43	7	Smooth, black calyx
Black Bell	Johnny's	Dark purple	Very early	Oval	18.5	8.5	8	3	59	100	8	Spiny, green calyx; fruit gets very large; fruit touches ground, some rotten
Bride	Territorial	White with purple blush	Medium late	Slightly curved long	18–28	4.5	3	5	69	52	6	Smooth, green calyx; some plants have no fruit
Burpee Hybrid	Burpee	Dark purple	Very early	Oval	15.5	9	8	7	67	63	7	Spiny, green calyx; fruit borne low on plant, touches ground; some rotten fruit
Cloud Nine	Nichols	White	Medium	Long oval	16.5	7.5	3	5	97	125	6	Spiny, green calyx; low yield for plant size
Dusky	Peto	Black	Early	Oval	18	9.5	8	3	75	65	8	Spiny, green calyx
Farmer's Long	Known-You	Light purple	Medium late	Curved long	32	3.5	3	7	68	50	5	Smooth, green calyx; fruit drags on ground
Ichiban	Territorial	Dark purple	Early	Curved long	30	6	8	7	87	60	5	Smooth, purple calyx
Megal	Osborne	Dark purple	Early	Long oval	19–24	5–7	8	5	98	41	7	Spiny, green calyx; fruit size and shape variable
Short Tom	Territorial	Purple	Medium	Long oval	21	6	6	5	75	80	7	Spiny, purple calyx
Sonata	Harris Moran	Dark purple	Medium	Oval	17.5	8	4	7	83	50	6	Spiny, green calyx; some rotten fruit

¹Transplants set out May 29.

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

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

⁴The calyx is the set of sepals (remnants of the flower) on the stem end of the fruit.

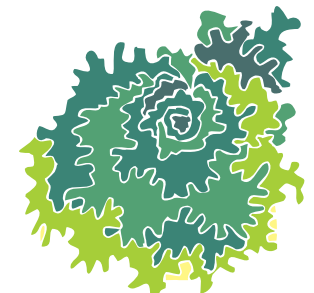


Kale and Collards

Variety ¹	Source	Crop	Plant Height (cm)	Plant Width (cm)	Color	Overall Score ²	Notes
Nero di Toscana	Territorial	Kale	70	72	Very dark green	7	Wrinkled, heavily veined, straplike leaves with white ribs; fairly uniform; strong flavor
Red Russian	Johnny's	Kale	77	94	Gray-green	5	Moderately dissected leaves with purple stems and ribs; uniform; vigorous
Toscano	Johnny's	Kale	74	66	Dark green	7	White ribs; good flavor; wrinkled, heavily veined, straplike leaves
Tuscan	Nichols	Kale	63	66	Dark green	4	Wrinkled, heavily veined, straplike leaves with white ribs; fair vigor
Wild Garden	Territorial	Kale	66	97	Mix	5	Mix of types, from wavy to frilled leaves and greens to reds and purples
Wild Red	Nichols	Kale	55	95	Mix	4	Mix of red and green
Winter Red	Territorial	Kale	74	88	Dark green	7	Moderately dissected leaves with purple ribs; good mild, sweet flavor; vigorous and uniform
Blue Ridge	Harris	Garnish kale	62	66	Dark blue-green	7	Highly ruffled, dissected leaves; very uniform and vigorous
Bona	Johnny's	Garnish kale	77	79	Green	5	Highly dissected leaves; fairly uniform
Vates	Harris	Garnish kale	53	64	Blue-green	5	Highly ruffled, dissected leaves; uniform but only moderate vigor
Nagoya Garnish Red	Sakata	Flowering kale	40	38	Green with purple centers	7	Attractive ornamental type
Red on Green	Sakata	Flowering kale	35	50	Dark green with purple centers	5	Ornamental type; fairly uniform
Champion	Territorial	Collards	51	70	Green	3	Large, oval leaves with white ribs; poor uniformity
Flash	Territorial	Collards	65	79	Green	7	Large, oval leaves with white ribs; soft heads; vigorous
Georgia	Nichols	Collards	68	80	Green	5	Tall with long internodes; slightly loose head; leaves ruffled and slightly lobed; uniform

¹Planted July 11.

²Overall score based on 1–9 scale, with 9 = best.



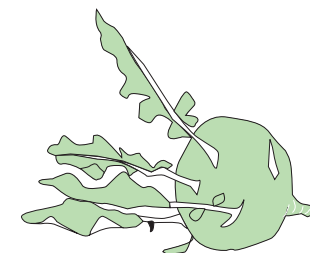
Kohlrabi

Variety ¹	Source	Width (cm)	Flavor	Pithiness ²	Vigor ³	Overall Score ³	Notes
Congo	Territorial	11.5	Mild, good	5	8	7	Splitting
Eder	Johnny's	11	Slightly sweet, good	3	8	7	Some cracking; uniform size and shape
Gigante	Nichols	7.5	Slightly sweet and nutty	2	9	5	Very leafy; no splitting; huge leaves; very late
Grand Duke	Harris	12.5	Sweet, mild	7	8	6	Splitting
Granlibakken	Nichols	8	Strong, pungent, bitter	9	7	2	Splitting; variable size; good shape; early
Kolibri	Territorial	11	Pungent, not sweet	5	8	7	Good color; starting to split
Rapidstar	Sakata	11	Slightly sweet, slightly bitter	4	8	7	No splitting; uniform size and shape
Winner	Johnny's	12	Bitter, pungent	4	8	4	Variable size and shape; no cracking; big, tall leaves

¹Planted July 11.

²Scores based on 1–9 scale, with 9 = most pithy.

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



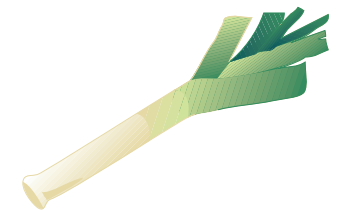
Leeks

Variety ¹	Source	Root Length (cm)	Root Width (cm)	Foliage Color	Vigor ²	Overall Score ²	Notes ³
Alora	Siegers	10	2.5	Blue-green	5	7	Uniform
Dawn Giant	Burpee	13	4.7	Yellow-green	5	7	Early; variable
Jersey	Osborne	12	3	Blue-green	4	6	Uniform
Kilima	Nichols	13	4.5	Yellow-green	7	8	Early; variable
Laura	Territorial	8.5	3.5	Blue-green	5	7	Uniform
Leefall	Harris Moran	8.5	4.2	Blue-green	6	7	Uniform
Leekool	Harris	10	2.5	Blue-green	4	4	Short; tend to bulb; variable
Musselburg	Nichols	11	5	Blue-green	4	4	Variable; bulb developing
Pancho	Johnny's	13	2.5	Blue-green	5	6	Early
Rikor	Johnny's	15	3.5	Yellow-green	8	8	Tall plant; uniform; early
Tadorna	Territorial	8	5.2	Blue-green	5	4	Variable
Upton	Johnny's	10	4.5	Blue-green	7	5	Early; uniform; starting to bolt

¹Planted April 3.

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

³Bolting refers to the premature development of a seed stalk.



Lettuce

Variety ¹	Source	Type ²	Color	Bolting ³	Vigor ⁴	Overall Score ⁴	Notes
Atsina	Nichols	Loose leaf	Red	3	3	5	Very ruffled and pretty
Bazooka	Territorial	Crisphead	Green	1	2	2	Loose heads
Buttercrunch	Territorial	Butterhead	Green	7	4	6	Excellent flavor
Cardinale	Territorial	Batavia	Red	5	5	7	Very nice looking
Cracoviensis	Nichols	Loose leaf	Green	9	7	2	
Devils Tongue	Territorial	Romaine	Red	8	8	7	Very nice looking, pretty color
Italianischer	Territorial	Oak leaf	Green	3	6	4	Pale color
Legacy	Takii	Crisphead	Green	1	3	2	
New Red Fire	Takii	Loose leaf	Red	1	4	6	
Oaky Red Splash	Territorial	Oak leaf	Deep red	8	8	7	Unusual speckled red-on-red color
Outredgeous	Territorial	Romaine	Red	7	7	8	Gorgeous color; very healthy
Red Butterworth	Nichols	Butterhead	Red	1	4	4	Soft heads
Redder Ruffled	Nichols	Loose leaf	Red	4	4	4	
Summertime	Territorial	Crisphead	Green	1	3	7	Made solid heads despite heat
Sun Devil	Johnny's	Crisphead	Green	1	1	1	Loose heads
Trouts Back	Territorial	Romaine	Speckled green/red	7	5	6	Unusual coloring
Valmaine	Territorial	Romaine	Green	6	4	4	Color is pale and grayish
Vulcan	Sakata	Loose leaf	Red	2	7	8	Very nice looking, pretty color
Winter Density	Territorial	Romaine	Green	2	4	5	Upright growth

¹Planted June 11.

²Crisphead types form firm head with crisp leaves; butterheads have ruffled outer leaves and a soft head in the center; batavia types have thick, crisp leaves that are open at first but eventually form a loose head; romaine lettuce has long, broad, upright leaves that form a loose head as they mature; oak leaf is a type of loose leaf with deeply lobed leaves.

³Bolting scores based on 1–9 scale, with 1 = no bolting and 9 = all bolted.

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



Melons

Variety ¹	Source	Type ²	Maturity	Fruit Length (cm)	Fruit Width (cm)	Flesh Color	Rind Color	Brix ³	Cavity Length (cm)	Cavity Width (cm)	Netting ⁴	Flavor	Yield ⁵	Disease ⁶	Overall Score ⁵	Notes
Archer	Harris Moran	California shipper	Medium early	11.5	11.5	Orange	Gray	10.5	6.5	5.0	Heavy	Musky	5	7	5	Firm flesh
Cruiser	Harris	California shipper	Medium	15.5	13.5	Pale salmon	Tan	11.5	10.0	6.0	Heavy	Good but not sweet	7	9	5	Smooth flesh; vines dead
Dessert Gold	Sunseeds	California shipper	Medium early	13.0	12.0	Salmon	Gray	7.0	8.5	5.0	Heavy			9		Vines died prematurely, fruit did not ripen
Dessert Queen	Sunseeds	California shipper	Medium late	13.0	11.5	Salmon	Gray	8.0	8.5	5.0	Heavy			9		Vines died prematurely, fruit did not ripen
Earligold	Territorial	California shipper	Medium early	12.5	13.0	Orange	Tan	7.5	8.5	5.5	Heavy	Poor, not sweet	3	9	3	Vines dead
Esteem	Rogers	California shipper	Medium	13.0	12.5	Pale green-orange	Gray	10.0	8.0	5.5	Heavy	Bland	7	8	3	Some fruit rot
Joaquin Gold	Rogers	California shipper	Medium	12.0	12.0	Pale orange	Gray	11.5	8.5	5.0	Heavy	Fruity	3	8	3	Vine wilt; fruit rot; crisp flesh
Motagua	Rogers	California shipper	Medium early	16.0	13.5	Salmon	Gray	10.5	10.5	5.5	Heavy	Sweet	8	8	6	Vine wilt; fruit rot; very crisp flesh
Early Dawn	Harris	Eastern cantaloupe	Early	16.5	13.0	Orange	Tan	10.0	11.0	5.0	Heavy	Musky, not sweet	5	8	3	Vines dead
Star Fire	Harris	Eastern cantaloupe	Medium early	17.0	15.0	Pale orange	Tan	11.5	11.5	7.0	Moderate	Bland	7	7	8	Vine death; soft flesh
Star Sweet	Harris	Eastern cantaloupe	Medium	12.5	14.5	Salmon	Tan	12.0	7.5	7.0	Heavy	Sweet	5	3	7	Soft flesh
Starship	Harris	Eastern cantaloupe	Medium	16.5	15.0	Orange	Yellow-tan	12.5	12.0	6.0	Light	Very musky	7	5	7	Very soft flesh
Superstar	Harris	Eastern cantaloupe	Medium	18.5	18.0	Salmon	Tan	13.0	11.5	9.5	Moderate	Sweet	8	2	9	Soft flesh
Touchdown	Johnny's	Eastern cantaloupe	Early	17.5	12.0	Pale orange	Tan	7.0	11.5	5.0	Light	Poor, not sweet	7	8	3	Vines died

¹Planted June 7, with 60" row spacing.

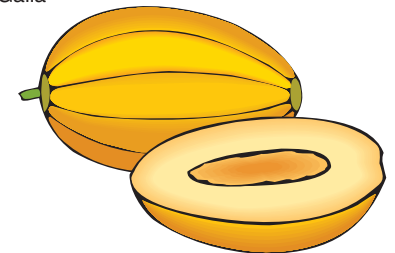
²California shipping types have round, thick-walled fruit that are heavily netted but lack ribbing. Eastern cantaloupes are ribbed, usually larger and thinner walled than California shippers, and generally are very sweet with a strong "musky" flavor. Honeydews and canary melons are typically white or yellow skinned, without ribbing, do not "slip" the vine, and have a crisper texture than cantaloupes. Asian melons are similar to California shippers but smaller and sweeter. European types have light to moderate ribbing with dark grooves, soft flesh, and a strong flavor. Galia types are of Middle Eastern origin and are typically round with moderate to heavy netting and lime-green flesh.

³Brix = percent soluble solids (a measure of sweetness in fruit; higher numbers mean sweeter fruit).

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

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

⁶Disease scores based on 1–9 scale, with 9 = severe. Diseases present were angular leaf spot, powdery mildew, and fusarium wilt.



Melons

Variety ¹	Source	Type ²	Maturity	Fruit Length (cm)	Fruit Width (cm)	Flesh Color	Rind Color	Brix ³	Cavity Length (cm)	Cavity Width (cm)	Netting ⁴	Flavor	Yield ⁵	Disease ⁶	Overall Score ⁵	Notes
Savor	Nichols	European	Medium early	12.5	15.0	Pale orange	Pale green	14.0	7.5	6.5	None	Sweet	8	5	7	Very vigorous vine; soft flesh
Golden Crispy	Nichols	Asian	Medium	9.5	7.5	White	Yellow	8.0	7.5	4.5	None	Sweet	7	9	5	Vines dead; crisp flesh
Golden Beauty No. 229	Johnny's	Canary	Medium	22.0	14.0	Pale green	Yellow	11.5	14.0	6.0	None	Slightly sweet	7	4	8	Tender flesh
Arava	Johnny's	Galia	Early	12.5	13.0	Pale green	Yellow-tan	10.5	6.5	6.5	Light	Musky, fruity, slightly spicy	8	2	8	Vigorous vine
Galante 96	Hazera	Galia	Early	12.0	12.5	Pale green	Yellow-tan	13.0	7.5	5.5	Moderate	Musky, sweet	8	6	8	Blossom end rot
Galapago	Hazera	Galia	Medium early	11.5	12.0	Green	Yellow-green	12.5	6.5	6.5	Moderate	Mild, sweet	8	7	8	Firm flesh
Fantasma	Harris Moran	Honeydew	Early	18.0	16.0	Light green	White	14.0	11.0	7.0	None	Fruity but not sweet	4	7	6	Crisp flesh
HD 85	Takii	Honeydew	Medium	16.5	15.0	Deep green	Pale green	13.5	10.5	7.0	Light	Sweet	7	6	8	Crisp flesh
Honey I Dew	Nichols	Honeydew	Medium	21.5	16.0	Pale green	Yellow	11.0	14.0	6.5	None	Sweet	7	7	8	Moderately firm flesh
Megabrew	Sakata	Honeydew	Medium	18.0	18.0	Green	Pale yellow-green	11.0	11.0	8.0	None	Fairly sweet	5	4	8	Crisp flesh
Orange Blossom	Harris	Honeydew	Late	13.0	11.0	Orange	Yellow-green	9.5	9.0	5.5	None	—	—	9	—	Vines died prematurely, fruit did not ripen

¹Planted June 7, with 60" row spacing.

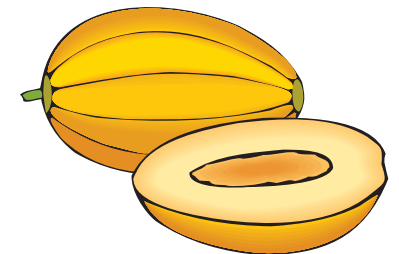
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³Brix = percent soluble solids (a measure of sweetness in fruit; higher numbers mean sweeter fruit).

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

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

⁶Disease scores based on 1–9 scale, with 9 = severe. Diseases present were angular leaf spot, powdery mildew, and fusarium wilt.



Onions

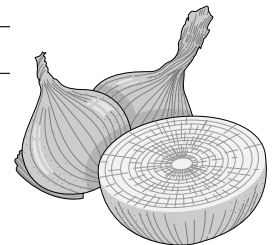
Variety ¹	Source	Maturity	Color	Length (cm)	Width (cm)	Shape	Neck ²	Storage ³	Overall Score ⁴	Notes
Ailsa Craig	Territorial	Early	Yellow	11.0	7.5	Elongated	5	—	5	Very large; not for storage
Blanco Duro	Territorial	Medium early	White	8.5	7.0	Elongated globe	7	—	5	Sweet Spanish type; good white color;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

¹Planted April 27, 2001. Storage notes taken March 21, 2002. All notes except storage were reported in 2001, but are included here for reference.

²Neck score based on 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 1–9 scale, with 1 = all bulbs sprouted and 9 = no sprouting.

⁴Overall score based on 1–9 scale, with 9 best.



Parsnips

Variety ¹	Source	Top Vigor ²	Root Length (cm)	Root Width (cm)	Internal Color	Cracking & Defects	Overall Score ²	Notes
Andover	Johnny's	7	21.5	2.2	Creamy white	Very little forking; no cracking	9	Straight
Cobham Improved Marrow	Territorial	7	18	4	White	None	6	Not very straight; rounded shoulders
Gladiator	Territorial	7	12.5	3.2	White	None	6	Short roots; rounded shoulders
Harris Model	Harris	8	18	3	Creamy white	None	8	Fairly straight; rounded shoulders
Javelin	Johnny's	7	23	3	Creamy white	None	8	Straight; rounded shoulders
Lancer	Johnny's	8	18	3.2	Creamy white	Lots of forking; no cracking	6	Fairly straight; tendency to form short, round roots

¹Planted June 11.

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



Peas

Variety ¹	Source	Type	Maturity	Pod Color	Vine Height (cm)	Pod Length (cm)	Pod Width (cm)	Doubles ²	Apex ³	Disease Early Planting ⁴	Disease Late Planting ⁴	Overall Score ⁵	Notes ⁶
Ambassador	Brotherton	Shell	Mid season	Dark	73	8.0	1.3	Mostly	Blunt		Healthy	8	Vigorous; good yield; concentrated set
Arise	Burpee	Shell	Very early	Dark	60	7.6	1.4	Few	Blunt	PEMV	Severe PEMV	7	Afila leaf type
Bounty	Rogers	Shell	Mid season	Dark	51	7.7	1.5	Mostly	Blunt	PEMV, RCMV	Severe PEMV	3	Poor yield
Burpeana Early	Burpee	Shell	Late	Light	69	7.5	1.4	Few	Blunt	PEMV, RCMV	Moderate PEMV	1	
Dakota	Johnny's	Shell	Early	Dark	48	7.3	1.3	Few	Blunt	PEMV, RCMV	Severe PEMV	5	
FR 378	Brotherton	Shell	Early	Dark	38	9.2	1.3	Half	Acute	Slight PEMV	PM	7	Very sweet
Frosty	Harris	Shell	Medium early	Light	59	9.2	1.5	Half	Blunt	RCMV	PEMV, PM	5	
Green Arrow	Nichols	Shell	Late	Light	73	10.8	1.6	Half	Acute		RCMV, PM	3	
Hunter	Brotherton	Shell	Early	Med	52	9.6	1.5	Mostly	Acute	PEMV	PEMV, PM	5	
Knight	Territorial	Shell	Medium late	Light	58	11.7	1.6	Few	Acute		Healthy	1	Poor yield; very long pods; large berries
Lincoln	Harris	Shell	Late	Med	57	9.5	1.5	Half	Acute	PEMV, RCMV	PEMV, PM	1	
Little Marvel	Harris	Shell	Early	Med	42	7.0	1.8	Few	Blunt	PEMV, RCMV		1	
Maestro	Territorial	Shell	Mid season	Dark	43	11.5	1.6	Few	Acute		Healthy	4	Very long pods
Maxigolt	Johnny's	Shell	Mid season	Dark	74	10.0	1.7	Half	Blunt	RCMV	Moderate PEMV	7	Very straight pods; good flavor
Micro	Burpee	Shell	Mid season	Dark	53	6.9	1.0	Half	Blunt	PEMV	PEMV, PM	5	Afila leaf type
Mr. Big	Stokes	Shell	Late	Light	64	13.3	1.6	None	Acute	PEMV, RCMV	PEMV	1	
New Century	Territorial	Shell	Late	Dark	64	13.5	1.8	Few	Blunt		RCMV	5	Poor vigor
Novella II	Territorial	Shell	Late	Light	56	7.5	1.5	Mostly	Blunt	RCMV	Healthy	5	Afila leaf type; floppy plant; vigorous; good yield
Oregon Pioneer	Territorial	Shell	Medium early	Dark	43	7.8	1.2	Half	Blunt		PM	9	
Oregon Trail	Territorial	Shell	Medium late	Dark	60	9.5	1.4	Mostly	Blunt		Healthy	9	Vigorous; good quality
Point	Brotherton	Shell	Early	Dark	61	7.7	1.4	Mostly	Blunt	PEMV	Severe PEMV, PM	7	Very dark green foliage
Premium	Brotherton	Shell	Very early	Dark	42	8.3	1.4	Few	Blunt	RCMV	PEMV, PM	6	

¹Early trial planted May 8; late trial planted June 19. All notes except disease were taken in the early trial only. Some varieties were not included in the late trial.

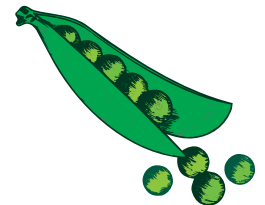
²Doubles refers to the ability to set two pods per node.

³Apex refers to the distal or flower end of the pod.

⁴Disease: PEMV = pea enation mosaic virus; RCMV = red clover mosaic virus; PM = powdery mildew; Spring, Little Marvel, Sugar Lace, Sugar Daddy, and Sugar Sprint were not included in the second planting.

⁵Overall score based on 1–9 scale, with 9 best. Varieties were scored for home garden potential rather than processing potential.

⁶Petit pois type = pods have very small berries; afila leaf type = leaves are replaced by tendrils, making vines self-supporting; balloon pods = berries do not fill pods.



Peas

Variety ¹	Source	Type	Maturity	Pod Color	Vine Height (cm)	Pod Length (cm)	Pod Width (cm)	Doubles ²	Apex ³	Disease Early Planting ⁴	Disease Late Planting ⁴	Overall Score ⁵	Notes ⁶
Spring	Burpee	Shell	Early	Med	50	6.7	1.3	Occasional	Blunt	PEMV, RCMV		5	
Utrillo	Territorial	Shell	Very late	Light	63	10.2	2.0	Few	Blunt	Severe PEMV	PEMV	1	Balloon pods; yellow-green color
Wando	Harris	Shell	Very late	Light	66	9.0	1.7	Few		RCMV	Moderate PEMV	5	
Waverex	Territorial	Shell	Very late	Dark	61	7.3	1.1	Mostly	Blunt	PEMV	PEMV	3	Petit pois type
CMG 345W	Crites Moscow	Snow	Medium late	Dark	64	9.5	1.9	Half	Acute		Healthy	9	Vigorous; good yield; good flavor
Oregon Giant	Territorial	Snow	Mid season	Dark	74	11.4	2.5	Mostly	Blunt		Healthy	9	Vigorous; good yield
Oregon Sugar Pod II	Territorial	Snow	Medium early	Light	81	10.5	2.2	Mostly	Blunt		Healthy	7	
Snow Green	Johnny's	Snow	Mid season	Dark	79	11.3	2.4	Half	Blunt	Severe PEMV light RCMV	Severe PEMV	3	Good flavor
Sugar Snow	Burpee	Stringless snow	Medium early	Light	76	11.4	2.5	Few	Acute		Healthy	5	Vigorous; good yield; pods slightly curved; not sweet
Cascadia	Territorial	Snap	Mid season	Med	86	7.3	1.6	Half	Blunt		Healthy	7	Very fat pods with thick walls; excellent flavor; good yield
Sugar Ann	Rogers	Snap	Early	Very light	69	6.4	1.3	None	Blunt	Moderate PEMV	PEMV	3	Good flavor
Sugar Bon	Rogers	Snap	Early	Light	58	7.3	1.6	Half	Acute	Severe PEMV RCMV	Healthy	1	Medium-thick walls; curved pods
Super Snappy	Burpee	Snap	Very late	Light	84	11.4	1.9	None	Acute	Severe PEMV	PEMV	1	Large, curved pods
Crystal	Crites Moscow	Stringless snap	Very late	Dark	66	7.5	1.4	Half	Acute	Severe PEMV RCMV	Severe PEMV	1	Afila leaf type
Sugar Daddy	Rogers	Stringless snap	Medium late	Dark	76	7.3	1.3	Mostly	Acute	Slight PEMV		5	Medium-thick walls; curved pods; good flavor
Sugar King	Rogers	Stringless snap	Very late	Dark	51	8.3	1.6	Half	Acute	Heavy PEMV RCMV	PEMV, RCMV	1	Afila leaf type
Sugar Lace	Rogers	Stringless snap	Medium late	Light	56	7.6	2.9	Mostly	Acute	Moderate PEMV		3	Very straight pods with thick walls; afila leaf type
Sugar Prince	Rogers	Stringless snap	Mid season	Dark	53	7.6	1.3	Mostly	Acute	Moderate PEMV	Moderate PEMV	7	Good flavor; thick walls; straight pod
Sugar Sprint	Rogers	Stringless snap	Early	Dark	56	7.6	1.3	Half	Blunt	PEMV		4	Thin pod walls

¹Early trial planted May 8; late trial planted June 19. All notes except disease were taken in the early trial only. Some varieties were not included in the late trial.

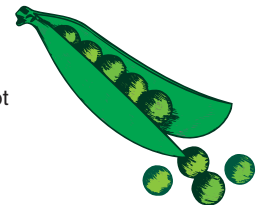
²Doubles refers to the ability to set two pods per node.

³Apex refers to the distal or flower end of the pod.

⁴Disease: PEMV = pea enation mosaic virus; RCMV = red clover mosaic virus; PM = powdery mildew; Spring, Little Marvel, Sugar Lace, Sugar Daddy, and Sugar Sprint were not included in the second planting.

⁵Overall score based on 1–9 scale, with 9 best. Varieties were scored for home garden potential rather than processing potential.

⁶Petit pois type = pods have very small berries; afila leaf type = leaves are replaced by tendrils, making vines self-supporting; balloon pods = berries do not fill pods.



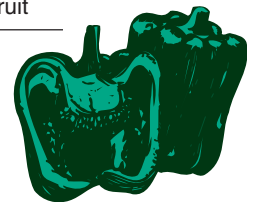
Peppers, Bell

Variety ¹	Source	Maturity	Immature Color	Mature Color	Fruit Length (cm)	Fruit Width (cm)	Plant Height (cm)	Plant Width (cm)	Flesh Thick-ness ²	Sun-scald ³	Overall Fruit Score ²	Notes
Ace	Johnny's	Late	Green	Red	12.5	9	38	50	7	4	8	Good flavor
Aruba	Rogers	Early	Green	Red	15.5	6.5	50	80	9	1	7	Fruit borne low on plant; purpling on green fruit
Boynton Bell	Harris	Late	Green	Red	10	10	40	45	8	2	5	Heavy yield
Conquest	Harris	Medium	Green	Red	11.5	10.5	46	56	9	1	6	Blocky, misshapen fruit; purpling on green fruit
Corona	Johnny's	Late	Green	Orange	9	6.5	37	53	6	4	6	Fruit on ground; good yield; pungent, not sweet
Emerald Isle	Rogers	Late	Green	Red	15	8.5	40	50	9	1	7	Uneven color on mature fruit; purpling on green fruit
Flamingo	Harris	Medium	Ivory	Red	18	6	38	45	8	1	4	Poor, immature color—too green; uneven mature color; variable maturity
Golden Bell	Territorial	Early	Green	Orange	10	8	51	40	8	6	7	Variable fruit shape; fruit concentrated at bottom of plant
Jumbo Sweet	Takii	Medium early	Green	Red	13	9.5	42	66	7	3	7	
King Arthur	Osborne	Early	Green	Red	10	9.5	33	50	7	5	8	Five-lobed fruit; large fruit
Lafayette	Siegers	Medium	Green	Yellow	12.5	10	47	42	7	1	5	Uneven color on mature fruit; purpling on green fruit
Lantern	Enza Zaden	Medium	Green	Red	11.5	10	38	50	9	2	8	Blocky fruit; more usable ripe fruit than others
Mandarin	Rogers	Late	Green	Orange	16.5	8.5	38	65	8	2	6	Fruit ripens unevenly
Marquis	Rogers	Early	Green	Red	17	7	56	56	9	3	8	Pointed fruit; good yield; concentrated set
North Star	Territorial	Medium	Green	Red	8	7	40	32	5	8	6	Variable maturity; small, thin-walled fruit
Orion	Johnny's	Late	Green	Red	9	10	43	48	9	1	7	Blocky fruit; some fruit scarring
Peninsula	Harris Moran	Early	Green	Red	15	7	38	55	7	8	6	Good yield; fruit blocky but misshapen
Presidente	Harris Moran	Medium	Green	Red	14.5	9	40	55	8	6	7	Many distorted fruit; slightly sweet flavor
Prince	Harris Moran	Medium	Green	Yellow	15.5	11	50	45	7	1	8	Immature fruit are very dark green; fruit ripens unevenly
Sentry	Rogers	Late	Green	Red	9	9.5	40	45	8	5	6	Blocky fruit; some purpling of green fruit; most ripe fruit softening
Snow White	Nichols	Medium	Ivory	Red	16	5	45	48	7	3	8	Pointed fruit; heavy yield; fruit on ground
Super Heavy Weight	Nichols	Very late	Green	Yellow	18	8	49	59	9	1	8	Large, blocky fruit
Super Set	Sakata	Variable	Green	Red	9	8.5	47	50	7	3	5	Good yield; purpling on green fruit

¹Transplants set out May 24.

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

³Sunscald of fruit, scores based on 1–9 scale, with 1 = no sunscald and 9 = severe.



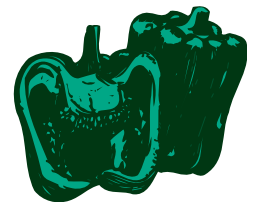
Peppers, Bell

Variety ¹	Source	Maturity	Immature Color	Mature Color	Fruit Length (cm)	Fruit Width (cm)	Plant Height (cm)	Plant Width (cm)	Flesh Thick-ness ²	Sun-scald ³	Overall Fruit Score ²	Notes
Vidi	Vilmorin	Medium	Green	Red	16	7	47	60	9	5	7	Some distorted fruit; good yield
Yankee Bell	Johnny's	Medium	Green	Red	11	8	42	48	8	6	8	Blocky fruit

¹Transplants set out May 24.

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

³Sunscald of fruit, scores based on 1–9 scale, with 1 = no sunscald and 9 = severe.



Peppers, Miscellaneous

Variety ¹	Source	Type	Maturity	Immature Color	Mature Color	Fruit Length (cm)	Fruit Width (cm)	Plant Height (cm)	Plant Width (cm)	Flesh Thickness ²	Sunscald ³	Overall Fruit Score ²	Notes ⁴
Anaheim College 64	Territorial	Anaheim	Very late	Green	Red	20	3.5	46	55	7	1	6	Good upright plant habit
Anaheim TMR23	Peto	Anaheim	Late	Green	Red	16	2.5	68	55	4	5	7	Purpling on immature fruit; plants lodged
Mexiheim	Hungnong	Anaheim	Early	Green	Red	13	3	65	80	4	4	6	Some lodging
Ancho 101	Territorial	Ancho	Late	Green	Red	8	5.5	70	55	4	1	5	Plants lodged
Hero	Territorial	Cayenne	Very late	Green	Red	14	1.5	54	54	4	1	8	Attractive plant; very hot
Cheese Pepper 2001	Jim Myers (OSU)	Cheese	Medium	Green	Red	4	9	55	45	6	3	7	Plants badly lodged
Cheese Pepper 2002	Jim Myers (OSU)	Cheese	Early	Green	Red	3.5	7.5	45	40	5	8	5	Floppy plants; fruit on ground; lots of sunburn
Copa Cabana	Harris Moran	Cubanelle	Medium	Yellow	Red	17	4.5	60	45	5	1	7	Heavy yield; purpling on immature fruit; sweet
Sure Fire	Abbott & Cobb	Cubanelle	Medium	Yellow	Red	18	4	47	47	5	1	8	Purpling on immature fruit
Cherry Bomb	Johnny's	Hot Cherry	Early	Green	Red	4	4	70	65	8	3	7	
Red Bulls Horn	Territorial	Italian	Early	Green	Red	19	6	65	70	5	5	6	Good yield; purpling on immature fruit; some lodging
Conchos	Johnny's	Jalapeno	Medium	Green	Red	12	4.5	45	55	8	3	9	Plants badly lodged; mature fruit size highly variable; severe purpling on green fruit
Delicias	Johnny's	Jalapeno	Medium	Green	Red	8.5	2	30	50	7	3	7	Plants all lodged; purpling on immature fruit
Mucho Nacho	Harris	Jalapeno	Very late	Green	Red	9.5	3	50	55	7	1	5	Lots of purpling on immature fruit
Tam Jalapeno #1	Peto	Jalapeno	Medium	Green	Red	6	2.5	40	50	7	1	4	Plants lodged
Marbles	OSU	Ornamental	Early	Yellow	Red	1.5	1.5	25	19	2	1	7	
Riot	OSU	Ornamental	Early	Yellow	Red	6	0.5	20	40	2	4	6	
Boldog Hungarian Spice	Johnny's	Paprika	Early	Green	Red	12	3	45	45	5	1	7	Scarring on fruit
Paprika Supreme	Johnny's	Paprika	Early	Green	Red	13	3	55	60	3	1	6	Plants lodged
Serrano del Sol	Johnny's	Serrano	Medium	Green	Red	8	1.5	40	60	5	1	6	Plants lodged; sweet with slight bite

¹Transplants set out May 24.

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

³Sunscald of fruit, scores based on 1–9 scale, with 1 = no sunscald and 9 = severe.

⁴Lodging is the tendency of plants to fall over.



Peppers, Miscellaneous

Variety ¹	Source	Type	Maturity	Immature Color	Mature Color	Fruit Length (cm)	Fruit Width (cm)	Plant Height (cm)	Plant Width (cm)	Flesh Thickness ²	Sunscald ³	Overall Fruit Score ²	Notes ⁴
Apple	Johnny's	Small pimiento	Early	Green	Red	9.5	5.5	48	48	8	2	8	Very upright plants; flavor strong and slightly sweet
Lipstick	Johnny's	Small pimiento	Medium	Green	Red	10	6	48	68	8	1	7	Flavor strong but not sweet; good upright plant habit
Pizza	OSU	Small pimiento	Late	Green	Red	12	3.5	45	48	9	3	7	Plants lodged
Antohi Romanian	Johnny's	Wax	Early	Ivory	Red	10.5	5	53	66	7	3	5	

¹Transplants set out May 24.

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

³Sunscald of fruit, scores based on 1–9 scale, with 1 = no sunscald and 9 = severe.

⁴Lodging is the tendency of plants to fall over.



Spinach

Variety ¹	Source	Vigor ²	Uniform- ity ²	Bolting on 12 June	Bolting on 19 June	Bolting on 25 June	Leaf Color ³	Leaf Type	Overall Score ²
Bloomsdale Savoy	Territorial	3	4	Starting	All bolted		4	Savoy	3
Correnta	Nichols	2	3	None	None	None	5	Semi-savoy	3
Denali	Johnny's	4	2	Starting	All bolted		3	Smooth	2
Harmony	Burpee	5	4	None	All bolted but later than Bloomsdale Savoy		4	Savoy	4
Hector	Johnny's	3	3	None	None	Starting	3	Smooth	3
Nordic IV	Territorial	4	3	Barely	All bolted but later than Bloomsdale Savoy		3	Smooth	3
Olympia	Territorial	3	3	None	About 50%	All bolted	3	Smooth	3
Razzle Dazzle	Nichols	5	4	All bolted	All bolted		3	Smooth	2
Samish	Harris	5	3	All bolted	All bolted and flowers starting		4	Smooth	3
Skookum	Territorial	5	4	Starting	All bolted		4	Smooth	4
Spinner	Johnny's	4	4	None	None	None	5	Savoy	4
Springer	Johnny's	2	2	None	None	Starting	4	Smooth	2
Steadfast	Territorial	3	2	None	2 plants	All bolted	3	Smooth	2
Teton	Territorial	2	2	None	About 10%	About 25%	2	Smooth	2
Unipack 151	Harris	4	5	None	About 25%	All bolted	5	Savoy	5

¹Planted April 3.

²Scores based on 1–5 scale, with 5 = best.

³Color scores based on 1–5 scale, with 1 = light green and 5 = dark green.



Tomatoes

Variety ¹	Source	Type	Maturity	Vine Type ²	Color	Fruit Height (cm)	Fruit Width (cm)	Shoulder ³	Leaf Cover ⁴	Sunburn ⁵	Yield ⁶	Flavor ⁴	Overall Score ⁴	Notes ⁷
Gold Nugget	OSU	Cherry	Medium early	D	Yellow	3	3	GS	3	1	E	5	7	Extremely productive; strong tendency for seedless fruit
Isis Candy	Territorial	Cherry	Medium	I	Orange	3.5	3.5	UR	8	2	F	8	6	Tough skin
Oregon Cherry	OSU	Cherry	Early	D	Red	3.5	3	GS	5	3	F	7	5	Compact plant; early, concentrated yield
Sun Gold	Territorial	Cherry	Medium early	I	Orange	3	3	UR	6	2	E	9	9	Excellent flavor
Sun Sugar	Nichols	Cherry	Medium early	I	Orange	2.5	2.5	GS	7	2	G	7	7	Very sweet but not enough acid
Super Sweet 100	Rogers	Cherry	Medium	I	Red	2.5	2.5		7	2	G	8	7	
Cherry Grande	Peto	Large cherry	Medium	D	Red	3.5	4	UR	6	4	E	5	5	Not sweet
Large German Cherry	OSU	Large cherry	Medium	I	Red	4	4.5	GS	5	1	G	9	7	Large fruit clusters
Juliet	Burpee	Sauce	Medium	I	Red	4.5	3	UR	8	2	G	8	8	Small plum shape
Macero II	Harris Moran	Sauce	Medium	D	Red	4	9	UR	8	2	G	2	5	Very bland
Oroma	OSU	Sauce	Medium	D	Red	10	4	UR	5	3	G	6	7	Concentrated yield of firm, long-keeping fruit; sparsely seedy
Saucy	OSU	Sauce	Medium	D	Red	6	4.5	UR	3	3	G	7	7	Concentrated yield of long-keeping fruit; thick walls; sparsely seedy
Super Marzano	Peto	Sauce	Medium	I	Red	10	5	UR	5	6	G	5	5	
Glacier	Territorial	Small slicer	Early	D	Red	4	4.5	GS	5	5	G	7	7	
New Hampshire Sure Crop	Territorial	Small slicer	Very early	D	Red	4	4	GS	2	7	E	3	5	Very early; very compact plant
Fourth of July	Burpee	Small slicer	Medium early	I	Red	4	5	GS	8	2	F	6	6	
3033	Hazera	Slicer	Medium	D	Red	6.5	6	UR	8	2	G	1	3	Very firm; very bland flavor
3603	Hazera	Slicer	Medium	D	Red	6.5	8.5	UR	7	4	G	3	5	Firm fruit; bland flavor; faded color; tough skin
3636	Hazera	Slicer	Medium late	D	Red	6.5	7.5	UR	8	2	F	4	4	Very late; large plant; very firm fruit; tough skin
3640	Hazera	Slicer	Late	D	Red	7	8.5	UR	5	6	F	5	5	Very late; large plant; very firm fruit; tough skin

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

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

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

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

⁵Sunburn scores based on 1–9 scale, with 9 = most sunburn.

⁶Yield: E = excellent, G = good, F = fair, P = poor.

⁷Multilocular tomatoes have more than the usual three or four locules (internal chambers).



Tomatoes

Variety ¹	Source	Type	Maturity	Vine Type ²	Color	Fruit Height (cm)	Fruit Width (cm)	Shoulder ³	Leaf Cover ⁴	Sunburn ⁵	Yield ⁶	Flavor ⁴	Overall Score ⁴	Notes ⁷
BHN 359	BHN	Slicer	Medium	D	Red	6.5	8	UR	6	3	G	6	7	Firm
BHN 363	BHN	Slicer	Medium	D	Red	6	8	UR	8	2	G	6	7	
Bush Big Boy	Burpee	Slicer	Medium	D	Red	6	7.5	UR	6	5	G	6	7	
Celebrity	Peto	Slicer	Medium	D	Red	6	8	UR	7	4	G	7	8	
Gold Dust	Johnny's	Slicer	Medium	D	Orange	6	6.5	UR	5	6	F	4	5	Bland flavor; firm; faded color; tough skin
Legend	OSU	Slicer	Early	D	Red	6	8	UR	7	3	G	7	8	Concentrated early yield of large fruit; strong tendency for seedless fruit; late blight resistant
Medford	OSU	Slicer	Medium	D	Red	7	8.5	UR	5	3	G	7	6	
Oregon Spring	OSU	Slicer	Medium early	D	Red	5.5	7	GS	5	7	G	7	6	Concentrated early yield; strong tendency for seedless fruit; some rough fruit
Pik Red	Harris	Slicer	Medium	D	Red	6.5	8	UR	8	2	E	7	8	
Santiam	OSU	Slicer	Medium early	D	Red	5	7	GS	5	3	F	7	6	Similar to Oregon Spring; slightly earlier and slightly smaller
Siletz	OSU	Slicer	Medium early	D	Red	6	6.5	GS	6	5	F	7	6	Similar to Oregon Spring; fewer rough fruit
Springfield	Harris Moran	Slicer	Medium	D	Red	6.5	9	UR	7	3	E	6	7	Firm
Sun Leaper	Rogers	Slicer	Medium	D	Red	6.5	7.5	UR	5	7	E	6	7	Fades in the sun to orange-red
Willamette	OSU	Slicer	Medium	D	Red	6	8	UR	3	3	G	7	7	
Oregon Pride	OSU	Slicer/sauce	Medium early	D	Red	8.5	8	UR	3	5	G	5	5	Solid, multilocular fruit; long-keeping; strong tendency to seedless fruit
Oregon Star	OSU	Slicer/sauce	Medium	D	Red	10	8	UR	7	3	G	5	7	Large pear shape; multilocular, firm fruit; long-keeping; strong tendency for seedless fruit
Green Grape	Territorial	Grape	Medium	I	Green	4	3.5	GS	9	1	P	5	1	
Brandywine	Johnny's	Heirloom	Medium late	I	Red	6.5	11	GS	8	1	P	5	2	Too late; variable shape; rough fruit, lots of cracking and scars; variable size

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

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

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

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

⁵Sunburn scores based on 1–9 scale, with 9 = most sunburn.

⁶Yield: E = excellent, G = good, F = fair, P = poor.

⁷Multilocular tomatoes have more than the usual three or four locules (internal chambers).



Watermelons

Variety ¹	Source	Flesh Color	Rind Color	Brix ²	Seed Color	Fruit Length (cm)	Fruit Width (cm)	Yield ³	Disease ⁴	Overall Score ³	Notes
Celebration	Rogers	Pale red	Dark green/light stripe	10.5	Brown	31	19	3	8	2	Vines died prematurely
Charleston Grey	Hollar	Pink	Pale green/dark mottle	7	Brown/black fleck	28.5	17.5	6	2	6	Bland flavor
Crimson Delight	Harris	Pale red	Pale green/dark stripe	7.5	Brown/black fleck	23.5	21	4	7	3	
Dillon	Hazera	Pale pink	Green/white stripe	11	Seedless	20.5	18.5	4	5	5	Hollow core; grainy texture; very sweet
Imagination	Rogers	Red	Black-green	9.5	Seedless	17.5	17	4	6	3	Not extremely sweet but good watermelon flavor
Nova	Sakata	Pale red	Pale green/dark stripe	9	Brown	17	17.5	5	7	3	Poor color; mushy; poor flavor
Stars 'N Stripes	Asgrow	Red	Pale green/dark stripe	10	Black	28.5	18.5	5	4	6	Good flavor; good color
Summer Flavor 500	Abbott & Cobb	Red	Dark green/light stripe	9	Seedless	31	18.5	5	6	5	Lots of very small fruit; fair flavor though not exceptionally sweet; crisp texture
Summer Flavor 510	Abbott & Cobb	Red	Pale green/dark stripe	11	Black	28.5	18.5	4	5	7	Good color; good flavor
Summer Flavor 710	Abbott & Cobb	Red	Pale green/dark stripe	10	Black	33	21	4	2	6	Very good color; splitting in center; slightly grainy; good flavor
Summer Flavor 800	Abbott & Cobb	Pale red	Dark green/light stripe	8	Black	23.5	16	3	3	4	Poor flavor
Summer Flavor 810	Abbott & Cobb	Pale red	Dark green/light stripe	9	Black	33.5	19	5	2	6	Good texture; fair flavor
Summer Flavor 900	Abbott & Cobb	Red	Dark green/light stripe	10.5	Black	29	18.5	4	5	7	Good color; good texture; good flavor
Summer Flavor 910	Abbott & Cobb	Red	Dark green/light stripe	10.5	Black	33.5	19	7	7	6	Good color; juicy; sweet
Summer Sweet 3521Y	Abbott & Cobb	Yellow	Pale green/dark stripe	10.5	Seedless	17	17	6	6	7	Good crisp texture; good flavor
Summer Sweet 5544	Abbott & Cobb	Pale red	Pale green/dark stripe	10	Seedless	20	20	2	8	5	Very good crisp texture; good flavor
Sunday Special	Hazera	Red	Dark green/dark stripe	12.5	Seedless	18	18	2	9	6	Good texture; good flavor balance; vines died prematurely
Sweet Diane	Nichols	Dark pink	Pale green/dark stripe	10.5	Brown	22	17	6	6	7	Good texture; good flavor, sweet
Triple Star	Rupp	Red	Pale green/dark stripe	11	Seedless	21	18.5	4	5	7	Very good color; sweet; good texture

¹Planted June 7 with 60" spacing between rows.

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

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

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

