

# Vegetable Variety Trials 2000

EM 8777 • March 2001



**OREGON STATE UNIVERSITY**  

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**EXTENSION SERVICE**

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## Production notes

Varieties of several kinds of vegetables were observed in conjunction with breeding programs. Unless otherwise noted, plots were 10–20 feet long, in 36-foot rows, and received about 450 lb/acre (about 10 lb/1,000 ft<sup>2</sup>) of 12-29-10-4 fertilizer banded prior to planting. Water was applied every 7–14 days as needed. The soil is a well-drained Chehalis silt loam. Notes were not obtained on all varieties provided by seed companies and others.

## Authors

Deborah Kean, research technician in horticulture; Jim Myers, associate professor of vegetable breeding; Alex Stone, Extension vegetable specialist; Jack Stang, associate professor in horticulture; and Dan McGrath, Extension agent, Willamette Valley; 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, PO Box 4206, Saticoy, CA 93007-4206
- \*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
- \*Daehnfeldt, Inc., PO Box 947, Albany, OR 97321
- Danson Seed Co., 10851 Woodbine St., Los Angeles, CA 90034
- \*D. Palmer Seed Company, 8269 South Highway 95, Yuma, AZ 85365
- Garden City Seeds, 778 US Highway 93 N, Hamilton, MT 59840
- Gurney's Seed and Nursery, 110 Caprial St., Yankton, SD 57078
- \*Harris Moran Seed Co., PO Box 4938, Modesto, CA 95352-4938
- Harris Seed, 60 Saginaw Dr., PO Box 22960, Rochester, NY 14692-2960
- \*Hazera Quality Seeds, 1369 East Ave., Chico, CA 95926
- \*Hollar & Company, Inc., PO Box 106, Rocky Ford, CO 81067
- \*Hungnong Seed, 1081 A Harkins Road, Salinas, CA 93901
- Johnny's Selected Seeds, 380 Foss Hill Road, Albion, ME 04910-9731
- \*Known-You Seed Co., Ltd., 26 Chung Cheng 2<sup>nd</sup> Road, Kaohsiung, Taiwan, Republic of China
- Liberty Seed Co., 461 Robinson Drive, SE, PO Box 860, New Philadelphia, OH 44663-0806
- Nichols Garden Nursery, 1190 North Pacific Highway, Albany, OR 97321
- Oregon State University, J.R. Myers, Department 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 South, Mount Vernon, WA 98273
- \*PetoSeeds @ Seminis Vegetable Seeds, PO Box 4206, Saticoy, CA 93007-4206
- Pinetree Garden Seeds, Box 300, New Gloucester, ME 04260
- \*Pureline Seeds, PO Box 8866, Moscow, ID 83843-1366
- \*Reed's 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 Road, 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
- Seedway, 1225 Zeager Rd., Elizabethtown, PA 17022
- \*Seminis Vegetable Seeds, PO Box 4206, Saticoy, CA 93007-4206
- Siegers Seed Co., 8265 Felch St., Zeeland, MI 49464
- W. Atlee Burpee Company, 300 Park Avenue, Warminster, PA 18991

\*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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# Beets

Variety	Source	Color	Color Uniformity <sup>1</sup>	Root Length (cm)	Root Width (cm)	Disease Incidence <sup>2</sup>	Top Vigor <sup>1</sup>	Shape <sup>3</sup>	Neck <sup>4</sup>	Overall Score <sup>1</sup>	Notes
Big Top	Johnny's	Red	7	7.00	8.50	7	7	Slightly oblate	7	5	Poor stand
Chiogga	Osborne	Light red	1	8.50	9.00	3	5	Oblate	7	6	Variable color, red with white mottle
Detroit Dark Red	Harris	Red	7	5.50	6.00	3	3	Ball	5	7	Good flavor
Early Wonder	Territorial	Red	7	8.50	8.50	5	5	Ball	5	7	—
Moneta	Johnny's	Dark red	9	6.00	6.50	3	3	Ball	3	9	Excellent color, very good flavor
Pacemaker III	Territorial	Dark red	7	7.00	8.50	5	5	Slightly oblate	5	5	—
Red Ace	Johnny's	Red	9	6.50	6.50	5	7	Ball	7	7	—
Warrior	Harris	Dark red	7	5.50	6.75	7	3	Ball	5	7	Sweet flavor

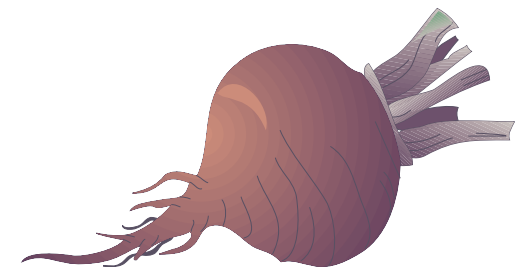
Planted June 23, 2000, Corvallis, OR.

<sup>1</sup>Scores based on 1–9 scale with 9 = best.

<sup>2</sup>Scores (Cercospora leaf spot) based on 1–9 scale with 9 = highest incidence.

<sup>3</sup>Oblate = slightly flattened (as opposed to round)

<sup>4</sup>Scores based on 1–9 scale with 1 = broad neck and 9 = neat neck.



# Broccoli

Variety	Source	Maturity Date	Overall Score	Height (cm)	Diameter (cm)	Head Shape <sup>1</sup>	Head Color <sup>2</sup>	Head Size	Stem Color <sup>2</sup>	Head Exsertion <sup>3</sup>	Head Segment <sup>4</sup>	Plot Uniform.	Branch <sup>5</sup>	Notes <sup>6</sup>
Bonanza	Burpee	13 Sep	3	35	16	1	5	Coarse	5	5	1	7	1	Very early; flat heads; bad rosetting
Captain	Reed's	17 Sep	5	40	17	3	7	Fine	3	3	1	3	3	Fresh-market type; strong flavor
Decathlon	Sakata	26 Sep	5	43	14	5	5	Coarse	5	3	3	7	1	—
Early Dividend	Pinetree	15 Sep	7	33	15	3	5	Coarse	3	3	1	7	1	Good, early fresh-market type; sharp flavor
Everest	Rogers	30 Sep	5	42	15	7	7	Medium	5	3	1	5	1	Good fresh-market type; smooth head tends to rosette as it ages
Genji	Johnny's	22 Sep	5	51	15	5	5	Fine	5	5	5	3	1	—
Grandeur	Hungnong	27 Sep	6	35	16	5	5	Fine	5	3	7	7	1	—
Green Jewel	Johnny's	18 Sep	3	27	15	5	5	Coarse	3	3	1	3	1	Very short plants
Laguna	Rogers	22 Sep	7	27	14	5	3	Fine	5	3	5	7	1	Open canopy
Monterey	Sakata	26 Sep	3	45	14	5	3	Fine	5	3	7	5	1	Rough, uneven heads
Pinnacle	Harris	22 Sep	3	45	13	5	5	Fine	5	5	3	3	1	—
Saga	Johnny's	22 Sep	3	39	13	5	3	Medium	5	3	1	5	7	—
Shogun	Sakata	30 Sep	5	59	13	5	5	Medium	5	5	5	3	3	Head remains firm even as it rosettes
Signal	Rogers	13 Sep	6	37	19	5	3	Coarse	3	5	7	7	1	Large heads; coarse
Terra Blanca	Pinetree	17 Sep	5	36	18	5	5	Medium	3	3	1	3	1	Fresh-market type
Triathlon	Sakata	2 Oct	3	41	13	5	3	Fine	3	3	5	7	1	—
Windsor	Johnny's	19 Sep	5	41	15	3	5	Fine	3	5	3	7	1	—

Planted June 30, 2000, Corvallis, OR.

Scores based on a 1–9 scale with 9 = best, except as indicated below.

<sup>1</sup>Scores based on 1–9 scale with 1 = concave, 5 = flat, and 9 = extreme dome.

<sup>2</sup>Scores based on 1–9 scale with 1 = yellow-green and 9 = dark blue-green.

<sup>3</sup>Scores based on 1–5 scale with 1 = low exsertion and 9 = high. (Head exsertion refers to how far the heads are held above the leaves; important for mechanical harvest.)

<sup>4</sup>Scores based on 1–9 scale with 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 due to the fact that some florets have not been exposed to light.)

<sup>5</sup>Scores based on 1–9 scale with 1 = no branching and 9 = many well-developed branches.

<sup>6</sup>Rosetting refers to the formation of a large ring of florets surrounding smaller (and sometimes discolored) florets.



# Brussels Sprouts

Variety	Source	Maturity	Overall Score	Plant Height	Bud Uniformity	Color	Notes
Diablo	Territorial	Late	5	Medium	7	Green	Sprouts mostly small
Long Island Improved	Harris	Late	3	Tall	3	Green	Poor yield
Prince Marvel	Territorial	Early	7	Short	7	Green	Very good yield
Tasty Nuggets	Burpee	Early	9	Medium	9	Green	Very nice sprouts

Planted July 5, 2000, Corvallis OR.

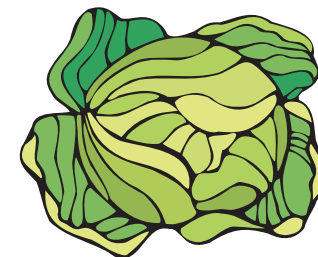
Scores based on 1–9 scale with 9 = best.

# Cabbage

Variety	Source	Maturity	Overall Score	Head Height (cm)	Head Width (cm)	Core Length (cm)	External Color	Internal Color	Head Density	Uniformity	Notes
<b>Fresh-market</b>											
ATX 151	Takii	Medium	6	19.0	19.0	8.0	Green	White	5	6	Sweet, mild flavor; slightly bitter
Atlantis	Peto	Medium	7	18.5	19.0	8.0	Blue-green	Yellow	8	7	Mild, good flavor
Bobcat	Reed's	Med late	5	16.0	19.0	7.5	Blue-green	White	6	4	Mild flavor
Bravo	Harris Moran	Med late	7	17.5	22.0	7.5	Blue-green	White	5	4	Strong flavor
Cape Horn	Sakata	Early	6	22.0	16.0	7.5	Green	Yellow-green	4	5	Tender; good flavor
Cardinal	Harris	Very late	3	20.0	22.0	14.0	Purple	Reddish purple	5	3	Very deep purple external color; strong, peppery flavor
Charmant	Territorial	Medium	7	17.0	19.0	9.0	Green	White	7	8	Good flavor
Columbia	Johnny's	Medium	5	20.0	19.0	9.0	Blue-green	White	5	3	Good, sweet flavor
Discovery	Pinetree	Medium	8	20.0	21.0	10.0	Blue-green	White	9	8	Sweet, mild flavor
Green Cup	Reed's	Med late	8	18.0	18.0	7.0	Blue-green	White	8	7	Sweet, mild flavor
Grenadier	Daehnfeltdt	Medium	8	18.0	18.0	6.0	Green	White	8	8	Good flavor
Grenadine	Daehnfeltdt	Late	5	19.0	24.0	11.0	Purple	Reddish purple	4	7	Brilliant color; sweet with slight bite
Heads Up	Harris	Early	9	20.0	18.0	12.0	Green	White	8	7	Very sweet, mild flavor
Jersey Queen	Harris	Medium	5	24.0	16.0	12.0	Blue-green	Light green	1	5	Tender; good flavor
Laso	Daehnfeltdt	Late	7	15.0	15.0	5.0	Purple	Reddish purple	4	7	Very good, mild flavor
Market Prize	Harris Moran	Medium	4	15.5	19.5	9.5	Blue-green	Cream	4	9	Good, mild flavor; very uniform
Parel	Territorial	Early	7	20.5	20.0	8.0	Green	White	8	4	Mild flavor
Primax	Johnny's	Medium	4	17.0	17.0	6.0	Blue-green	White	7	4	Thick leaf petioles; sweet, mild flavor; several plants did not form heads

Planted July 5, 2000, Corvallis, OR.

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

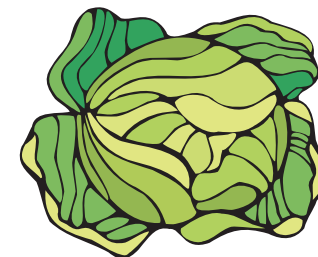


# Cabbage

Variety	Source	Maturity	Overall Score	Head Height (cm)	Head Width (cm)	Core Length (cm)	External Color	Internal Color	Head Density	Uniformity	Notes
<b>Fresh-market (continued)</b>											
Red Acre	Harris	Med late	4	16.0	16.0	10.0	Purple	Light purple	5	3	Mild flavor
Red Lasso	Pinetree	Medium	5	19.0	16.0	6.0	Red	Red	6	8	Pale color; fair flavor
Regal Red	Johnny's	Medium	7	16.0	18.0	7.0	Red	Red	4	4	Good, sweet flavor
Regina	Daehnfeltdt	Late	7	19.0	21.0	9.0	Purple	Reddish purple	7	5	Sweet with slight bite
Rio Grande Red	Orsetti	Medium	2	17.0	19.0	8.0	Red	Red	8	3	Good color; sweet with slight bite; several plants did not form heads
Rocket	Johnny's	Med early	6	18.5	18.0	9.0	Blue-green	White	7	8	Sweet with slight bite
Sombrero	Pinetree	Medium	3	19.0	18.0	8.5	Red	Red	8	3	Good color
Super Red 80	Johnny's	Med late	4	18.0	18.0	8.0	Red	Red	8	3	—
Supergreen	Reed's	Late	8	16.0	19.0	6.0	Blue-green	White	9	7	Sweet with slight bite
<b>Fresh-market/storage</b>											
Red Dynasty	Asgrow	Late	7	18.0	19.0	9.0	Deep purple	Purple	5	5	Very good color; mild, sweet flavor; still holding up well in January
Rodan	Daehnfeltdt	Very late	5	20.0	19.0	7.0	Purple	Reddish purple	4	3	Mild flavor; still holding up well in January
Roulette	Johnny's	Late	5	19.0	15.0	6.5	Blue-green	Yellow-green	3	5	Slight bite; still holding up well in January
Super Elite	Reed's	Med late	6	15.0	15.0	7.5	Blue-green	White	7	6	Sweet, mild; still holding up well in January
Super Red 90	Reed's	Very late	7	19.0	18.0	7.0	Purple	Reddish purple	9	3	Mild flavor; still holding up well in January

Planted July 5, 2000, Corvallis, OR.

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

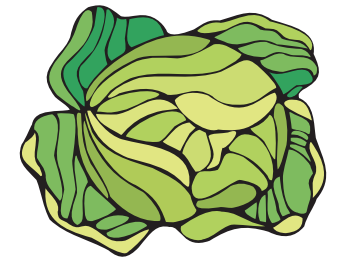


# Cabbage

Variety	Source	Maturity	Overall Score	Head Height (cm)	Head Width (cm)	Core Length (cm)	External Color	Internal Color	Head Density	Uniformity	Notes
<b>Kraut/storage</b>											
Badger Shipper	Harris	Very late	5	17.0	19.0	9.0	Green	White	5	1	Mild flavor; many plants did not form heads
Blue Thunder	Siegers	Very late	7	22.0	25.0	9.0	Blue-green	White	5	7	Very mild flavor
Danish Ballhead	Territorial	Late	5	20.0	21.0	9.0	Blue-green	Cream	5	3	Notes taken when immature
Genesse	Reed's	Late	5	18.0	25.0	9.0	Blue-green	White	5	5	Slightly bitter; still holding up well in January
Storage Hybrid #4	Reed's	Very late	7	20.0	20.0	12.0	Blue-green	White	7	5	Strong flavor but good; still holding up well in January
Vantage Point	Johnny's	Late	7	21.0	23.0	11.0	Blue-green	White	7	3	Very mild flavor; slightly sweet
<b>Storage</b>											
Crown	Johnny's	Very late	5	18.0	15.0	12.0	Blue-green	Yellow-green	1	3	Unusual tall head is densely packed at top but loose at bottom; still holding up well in January
Missouri	Reed's	Very late	5	19.0	17.0	11.0	Blue-green	Light yellow	1	3	Similar to Crown; peppery flavor; still holding up well in January
<b>Savoy</b>											
Bountivoy	Reed's	Late	7	19.0	19.0	7.0	Dark green	Yellow-green	7	7	Best flavor of the savoy; sweet with a strong bite
Melissa	Territorial	Late	5	16.0	19.0	9.0	Blue-green	Light green	3	5	Tight head; sharp flavor
Savoy Ace	Reed's	Early	8	19.0	19.0	10.0	Dark green	Light green	8	7	—
Savoy Express	Peto	Very early	8	19.0	15.0	8.5	Dark green	Yellow-green	9	7	Mild flavor

Planted July 5, 2000, Corvallis, OR.

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





# Carrots

Variety	Source	Type	Overall Score <sup>1</sup>	Color <sup>1</sup>	Root Length (cm)	Root Width (cm)	Crown <sup>2</sup>	Top Vigor <sup>1</sup>	Shoulder Color <sup>1</sup>	Cracking <sup>3</sup>	Notes <sup>4,5</sup>
24 Karat	Harris Moran	Imperator	7	5	29.0	3.50	5	3	5	3	Double tops; green shoulders; small core; strong flavor but sweet
Bejo 1812	Bejo	Imperator	5	4	34.5	3.25	5	2	5	3	Some impact cracking and forking; fair flavor
Bolero	Osborne	Nantes	9	3	17.5	3.75	9	7	3	3	Sweet, good flavor; uniform
Caroline	Sakata	Chantenay	5	3	16.0	4.75	5	7	3	7	Sweet; many misshapen, split, or forked roots; several bolters
Choctaw	Sunseeds	Danvers	4	5	25.0	4.50	7	7	7	5	Prominent white lenticels; some impact cracks; not very sweet
Idaho	Bejo	Danvers	7	7	20.5	4.25	5	5	7	1	Few defects; not very sweet
Indiana	Bejo	Imperator	5	5	25.0	3.00	4	7	7	3	Impact cracking; small core; strong but sweet flavor
Ithaca	Bejo	Danvers	5	7	23.0	3.25	3	7	7	3	Many misshapen roots; small core; good flavor
Ivanhoe	Bejo	Imperator	3	5	34.0	4.50	7	3	7	7	Multiple shoots on crown; badly forked; bland flavor
Mantindo	Harris	Danvers	4	5	16.5	4.00	5	9	3	3	Few defects; fair flavor
Monique	Garden City Seeds	Nantes	5	4	16.0	3.75	9	3	3	3	Bland flavor; no defects
Narova	Daehnfeltdt	Nantes	7	4	16.5	2.75	9	5	3	1	Good flavor; few defects; some aster yellows
Newport	Bejo	Imperator	7	6	23.5	3.25	5	4	7	3	Small core; some forking and splitting; good flavor
Primecut 59	Sunseeds	Imperator	3	5	23.5	3.25	5	5	7	7	Good flavor; some impact cracking and splitting
Royal Chantenay	Harris	Chantenay	3	3	14.0	5.50	3	9	3	1	Strong flavor, not sweet; large core
Snak Pack	Asgrow	Imperator	5	5	25.5	4.00	5	5	7	1	Bland, woody flavor; few defects
Sugarsnak 54	Sunseeds	Imperator	5	5	23.0	3.75	7	4	7	3	Some impact cracks; flavor not sweet
Sweet Bits	Harris Moran	Imperator	5	9	21.0	3.00	7	4	7	7	Variable size; impact cracking; fair flavor; dry
Tripleplay 58	Sunseeds	Imperator	7	5	28.0	4.00	7	4	7	1	Good flavor; impact cracking
Zaneharia Merada	Battle	Danvers	—	—	18.0	4.25	—	—	—	—	Novelty; purple with yellow interior; red flowers; good flavor and texture; all bolted; not adapted to Oregon

Planted June 23, 2000, Corvallis, OR.

<sup>1</sup>Scores based on 1–9 scale with 9 = best.

<sup>2</sup>Scores based on 1–9 scale with 1 = concave and 9 = convex

<sup>3</sup>Scores based on 1–9 scale with 1 = few cracks and 9 = many cracks.

<sup>4</sup>Impact 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).

<sup>5</sup>Lenticels are enlarged cells, often discolored (considered a defect).

*Variety Observations, 2000*



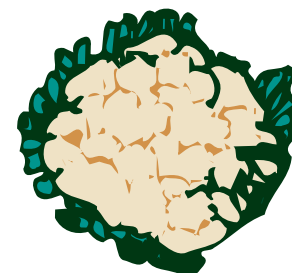
# Cauliflower

Variety	Source	Maturity	Overall Score	Head Length (cm)	Head Width (cm)	Solidity	Color	Wrapper Leaves <sup>1</sup>	Uniformity	Notes
Avalanche	Harris	Late	7	9.0	14.5	5	White	7	7	Off flavor
Bos 5009	Orsetti	Medium	7	10.0	14.0	5	Cream	9	7	—
Candid Charm	Liberty	Early	7	7.5	14.5	3	Cream	6	7	Sweet
Concert	Rogers	Medium	7	10.0	15.0	5	White	7	5	Purple blush on stems
Early Dawn	Territorial	Early	3	8.0	14.0	4	White	2	4	Soft texture; sweet flavor
First White	Burpee	Medium	5	6.5	10.5	5	White	3	7	Mild, sweet
Fremont	Territorial	Medium	4	10.0	16.0	4	Cream	6	3	—
Ravella	Territorial	Med early	4	8.5	14.5	7	White	6	3	Good color
Self Blanche	Reed's	Late	5	7.0	18.0	5	Cream	7	7	—
Shasta	Rogers	Medium	7	10.0	15.0	5	White	7	5	Purple blush on stems
Snowball	Harris	Medium	7	8.0	14.0	5	White	9	6	Large core; strong flavor
Snowball Y Imp.	Harris Moran	Late	8	10.0	13.0	9	White	7	5	Good white color; mild flavor
Snowman	Harris Moran	Very late	9	9.0	16.0	9	White	9	7	Mild, sweet flavor
Starbrite Y	Abbott & Cobb	Late	7	7.5	12.0	6	White	8	6	Fair flavor
Symphony	Siegers	Medium	4	10.5	14.5	4	White	7	4	Good flavor
White Amazing	Johnny's	Medium	4	7.5	14.0	3	White	3	4	Small plants; fair flavor
White Passion	Sakata	Medium	3	8.0	15.0	3	Cream	3	3	Pronounced purple stems; mild, sweet flavor

Planted July 5, 2000, Corvallis, OR.

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

<sup>1</sup>Scores based on scale of 1–9 with 1 = open and 9 = head tightly wrapped at harvest stage.



# Chinese Cabbage

Variety	Source	Overall Score	Head Height (cm)	Head Width (cm)	Head Length (cm)	External Color	Uniformity	Notes
Blues	Osborne	5	24.0	17.0	4.0	Green	7	Fair flavor; slow bolting
China Crunch	Reed's	7	24.0	18.0	6.0	Yellow-green	7	Slow bolting
China Flash	Liberty	5	28.0	20.0	4.0	Yellow-green	7	Slow bolting
Early Jade Pagoda	Osborne	7	34.0	15.0	12.0	Green	7	Early maturing; sweet
Jazz	Takii	6	27.0	17.0	6.0	Green	6	Attractive head; slow bolting; strong flavor
Michihili Jade Pagoda	Twilley	8	43.0	18.0	10.0	Green	7	Very large heads; early maturing; mild flavor
Monument	Twilley	8	38.0	17.0	21.0	Med green	7	Bolting
Ohken 65	Siegers	5	24.0	20.0	6.5	Green	6	Strong flavor
Ohken 75	Siegers	8	27.0	19.0	6.0	Green	7	Good flavor; slow bolting
Summer Top	Johnny's	6	23.0	15.0	6.0	Green	7	Nice looking; slow bolting; mild

Planted July 5, 2000, Corvallis, OR.

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

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

Variety	Source	Type <sup>1</sup>	Days to Harvest	Tons/ Acre	Ears/ Plant	Lb/ Ear	Ear Length (in)	Ear Diam. (in)	Kernel Depth (mm)	Pericarp Toughness <sup>2,3</sup>	Kernel Refinement <sup>3,4</sup>	Ear Unif. <sup>3,5</sup>	Flavor <sup>3</sup>	Overall Score <sup>3</sup>	Notes <sup>6</sup>
<b>Yellow</b>															
Chase	Asgrow	Su	89	6.2	1.05	0.62	8.8	1.94	10.3	95	2.5	4.0	3.0	3.0	Some curved ears
Climax	Asgrow	Su	107	6.9	0.90	0.80	7.6	2.21	13.3	126	2.0	2.5	3.0	2.5	—
Conquest	Crookham	Su	106	5.4	0.96	0.60	8.3	1.95	12	86	4.0	4.0	2.0	2.5	Chews tough; no sweetness
Dynamo	Harris Moran	Su	100	8.2	1.03	0.80	9.0	2.13	14.1	114	2.5	2.0	3.0	3.0	Variable; best ears look good
Earlivee	Territorial	Su	76	5.4	1.30	0.49	6.6	1.80	11	118	1.5	2.0	3.0	2.0	Fairly nice except for very coarse kernels
El Toro	Asgrow	Su	102	7.7	1.00	0.76	8.0	2.20	13.0	109	2.5	3.0	2.0	3.0	Very little sweetness
Esquire	Asgrow	Su	107	8.0	1.21	0.68	8.4	2.15	13.4	80	3.5	3.5	3.5	3.5	Some lodging; lots of suckers
FMX 492	Harris Moran	Su	106	7.5	1.07	0.69	8.7	2.10	13	97	3.0	3.0	3.0	3.0	Best ears look good but too much variation; some lodging
GH 2214	Rogers	Su	98	7.6	1.60	0.53	7.8	1.90	13	85	3.5	3.5	3.0	3.0	—
GH 2215	Rogers	Su	98	6.9	1.00	0.57	7.9	1.95	12	93	4.0	4.0	3.0	4.0	Close spacing may have led to poorer ear uniformity
GH 2547	Rogers	Su	102	4.3	0.78	0.56	7.8	1.93	10.6	81	4.0	2.0	3.5	1.5	Variable with very poor tip fill; some lodging
GH 2684	Rogers	Se	100	10.5	1.55	0.73	9.1	2.04	13.5	113	2.5	3.5	3.0	3.5	Picked overmature
GH 3105	Rogers	Su	98	7.7	1.03	0.69	7.8	2.05	13	111	3.0	3.0	3.0	3.0	Strange, mealy, creamy texture

Planted June 22, 2000, Corvallis, OR in rows 36 inches apart, thinned to 9 inches between plants.

All data were obtained from typical husked good ears. For ear length, ear diameter, and tenderness, the value used for each replication was the average of 10 individual ear measurements.

<sup>1</sup>Endosperm type: su = normal sweet, se = sugary enhanced, trsw = 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.

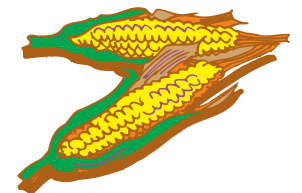
<sup>2</sup>Tenderness determined by a spring-operated puncture gauge; lower numbers indicate more tender pericarp (the outer skin of each kernel).

<sup>3</sup>Scores based on 1–5 scale with 5 = best.

<sup>4</sup>Kernel refinement is a measure of kernel size. A higher number indicates small, more evenly sized kernels.

<sup>5</sup>Ear uniformity refers to the degree of variation among ears.

<sup>6</sup>Lodging = plant falls over.



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

Variety	Source	Type <sup>1</sup>	Days to Harvest	Tons/ Acre	Ears/ Plant	Lb/ Ear	Ear Length (in)	Ear Diam. (in)	Kernel Depth (mm)	Pericarp Toughness <sup>2,3</sup>	Kernel Refinement <sup>3,4</sup>	Ear Unif. <sup>3,5</sup>	Flavor <sup>3</sup>	Overall Score <sup>3</sup>	Notes <sup>6</sup>
<b>Yellow (continued)</b>															
Golden Bantam	Nichols	Su	90	2.9	1.19	0.26	6.4	1.30	9	114	2.0	2.0	2.0	1.0	Badly lodged; highly variable—some bicolor ears, some with more refined kernels etc.; bad gaps between rows; very small ears
HMX 7384	Harris Moran	Su	104	10.9	1.90	0.55	7.6	2.05	14	112	3.0	3.0	3.0	3.5	Significant earworm damage; some lodging
Jubilee	Rogers	Su	96	7.1	1.40	0.54	7.9	1.94	12.3	84	3.5	3.5	3.5	3.5	—
Kandy Kwik	Johnny's	Se	81	5.8	1.07	0.54	7.6	1.90	11	97	3.5	3.5	3.0	3.0	Pale yellow
Legacy	Harris Moran	Su	100	6.3	1.01	0.65	8.0	2.04	11.8	85	4.5	3.0	4.0	3.0	Very tall plant with moderate lodging
Legend	Harris	Se	88	5.2	1.00	0.57	7.3	1.95	11	107	3.5	3.5	4.0	4.0	Pale color
PLS 698	Pure Line	Se	100	8.3	1.15	0.77	7.9	2.18	13.4	108	3.0	3.0	3.5	3.0	—
Seneca Daybreak	Harris	Se	81	4.9	1.33	0.48	7.3	1.85	11	106	2.5	2.0	2.5	2.5	Best ears look good, but bad ears have too many gaps and coarse kernels
Seneca Horizon	Territorial	Su	81	6.1	1.25	0.56	7.1	2.10	10	110	3.5	2.0	2.0	2.0	Very fat ears
Sweet Riser	Harris	Trsw	88	5.3	1.04	0.57	7.2	1.90	11	100	3.0	3.0	2.5	3.0	Bland flavor
XP 3089	Asgrow	Su	96	7.4	1.04	0.68	8.1	2.09	12.6	93	4.5	3.0	4.0	3.5	Tapered ears

Planted June 22, 2000, Corvallis, OR in rows 36 inches apart, thinned to 9 inches between plants.

All data were obtained from typical husked good ears. For ear length, ear diameter, and tenderness, the value used for each replication was the average of 10 individual ear measurements.

<sup>1</sup>Endosperm type: su = normal sweet, se = sugary enhanced, trsw = 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.

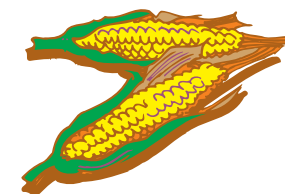
<sup>2</sup>Tenderness determined by a spring-operated puncture gauge; lower numbers indicate more tender pericarp (the outer skin of each kernel).

<sup>3</sup>Scores based on 1–5 scale with 5 = best.

<sup>4</sup>Kernel refinement is a measure of kernel size. A higher number indicates small, more evenly sized kernels.

<sup>5</sup>Ear uniformity refers to the degree of variation among ears.

<sup>6</sup>Lodging = plant falls over.



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

Variety	Source	Type <sup>1</sup>	Days to Harvest	Tons/Acre	Ears/Plant	Lb/Ear	Ear Length (in)	Ear Diam. (in)	Kernel Depth (mm)	Pericarp Toughness <sup>2,3</sup>	Kernel Refinement <sup>3,4</sup>	Ear Unif. <sup>3,5</sup>	Flavor <sup>3</sup>	Overall Score <sup>3</sup>	Notes <sup>6</sup>
<b>White</b>															
Frosty	Nichols	Se	90	7.4	1.36	0.53	7.1	1.90	12.0	84	3.5	3.5	3.0	3.5	Some tendency for oval ears but generally nice looking and refined
HMX 5349	Harris	Trsw	98	9.1	1.69	0.57	8.3	1.90	12.0	88	3.5	3.5	4.0	2.5	—
Seneca Starshine	Territorial	Se	98	6.8	1.42	0.55	7.3	1.95	12.0	109	1-3	1-3	3.5	2.0	Lodging; too variable—fat ears, narrow ears, long ears, short ears, coarse, refined, some curved
Spring Snow	Harris	Se	81	3.6	0.92	0.43	7.3	1.65	11.0	62	2.5	2.5	4.0	2.5	Good corn flavor plus sweetness; variable
Sugar Snow II	Territorial	Se	90	6.5	1.08	0.64	8.1	1.90	12.0	116	3.5	3.5	4.0	4.0	Some slightly curved ears; generally refined
Temptation	Asgrow	Se	90	8.6	1.55	0.53	7.6	1.95	11.0	104	4.0	4.0	4.5	4.0	Some curved ears
<b>Bicolor</b>															
Double Choice	Harris	Se	88	7.3	1.68	0.48	7.8	1.80	12.0	84	3.5	3.5	4.0	4.0	Good yield—large main ears with most plants having small but usable second ears; some curved ears
Double Gem	Territorial	Se	91	6.5	1.04	0.66	7.8	2.05	12.0	109	3.5	3.5	3.0	3.5	Oval ears; nice looking; fairly bland
Fleet	Johnny's	Su	78	3.9	1.04	0.41	7.1	1.65	9.0	68	3.0	1.0	5.0	2.5	Very poor yield
Native Gem	Harris	Se	81	4.5	1.63	0.40	7.4	1.70	10.0	69	3.5	3.0	3.0	3.0	Good early variety

Planted June 22, 2000, Corvallis, OR in rows 36 inches apart, thinned to 9 inches between plants.

All data were obtained from typical husked good ears. For ear length, ear diameter, and tenderness, the value used for each replication was the average of 10 individual ear measurements.

<sup>1</sup>Endosperm type: su = normal sweet, se = sugary enhanced, trsw = 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.

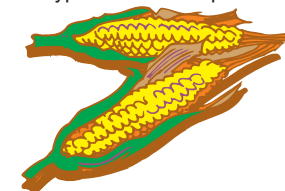
<sup>2</sup>Tenderness determined by a spring-operated puncture gauge; lower numbers indicate more tender pericarp (the outer skin of each kernel).

<sup>3</sup>Scores based on 1–5 scale with 5 = best.

<sup>4</sup>Kernel refinement is a measure of kernel size. A higher number indicates small, more evenly sized kernels.

<sup>5</sup>Ear uniformity refers to the degree of variation among ears.

<sup>6</sup>Lodging = plant falls over.



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

Variety	Source	Type <sup>1</sup>	Days to Harvest	Tons/Acre	Ears/Plant	Lb/Ear	Ear Length (in)	Ear Diam. (in)	Kernel Depth (mm)	Pericarp Toughness <sup>2,3</sup>	Kernel Refinement <sup>3,4</sup>	Ear Unif. <sup>3,5</sup>	Flavor <sup>3</sup>	Overall Score <sup>3</sup>	Notes <sup>6</sup>
<b>Bicolor (continued)</b>															
Quickie	Johnny's	Se	76	4.5	1.16	0.42	6.5	1.75	10.0	103	3.0	2.0	3.0	2.5	Watery flavor with slightly sour off taste; very early
Seneca Arrowhead	Harris	Se	81	4.6	1.12	0.46	7.1	1.85	11.0	75	3.0	2.5	2.5	2.0	Most ears are curved; short, fat ears
Seneca Tomahawk	Territorial	Se	82	7.4	2.14	0.45	7.1	1.80	9.0	70	3.0	2.0	3.5	2.5	Some very pointed ears and many curved ears; good flavor; variable
Serendipity	Nichols	Trsw	104	7.2	1.23	0.62	8.1	1.90	12.0	79	3.0	3.0	4.5	3.0	—
Sugar & Gold	Gurney's	Su	76	3.7	1.20	0.34	6.5	1.60	9.0	120	3.0	2.0	2.0	2.0	Worst fault is large gaps between rows on many ears; best ears look good
Sweet Chorus	Harris	Se	82	5.9	1.33	0.45	7.6	1.80	10.0	103	3.0	1.5	3.0	2.5	Variable; curved ears

Planted June 22, 2000, Corvallis, OR in rows 36 inches apart, thinned to 9 inches between plants.

All data were obtained from typical husked good ears. For ear length, ear diameter, and tenderness, the value used for each replication was the average of 10 individual ear measurements.

<sup>1</sup>Endosperm type: su = normal sweet, se = sugary enhanced, trsw = 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.

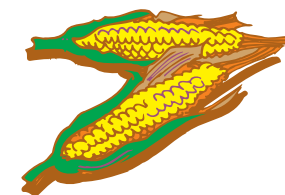
<sup>2</sup>Tenderness determined by a spring-operated puncture gauge; lower numbers indicate more tender pericarp (the outer skin of each kernel).

<sup>3</sup>Scores based on 1–5 scale with 5 = best.

<sup>4</sup>Kernel refinement is a measure of kernel size. A higher number indicates small, more evenly sized kernels.

<sup>5</sup>Ear uniformity refers to the degree of variation among ears.

<sup>6</sup>Lodging = plant falls over.



# Corn, Supersweet (sh2)

Variety	Source	Days to Harvest	Tons/Acre	Ears/Plant	Lb/Ear	Ear Length (in)	Ear Diam. (in)	Kernel Depth (mm)	Pericarp Toughness <sup>1</sup>	Kernel Refinement <sup>2,3</sup>	Ear Unif. <sup>2,4</sup>	Flavor <sup>2</sup>	Overall Score <sup>2</sup>	Notes <sup>5,6</sup>
<b>Yellow</b>														
CCO 4395:97	Crookham	98	8.0	1.12	0.76	7.9	2.17	13.2	114	3.0	2.5	3.0	2.5	Bad tendency for spades and curved ears; severe lodging; very sweet but chalky flavor
Gallant	Crookham	103	9.7	1.46	0.71	7.8	2.15	13.0	112	3.5	2.5	4.0	3.0	No lodging
GSS 3893	Rogers	91	5.6	1.11	0.56	8.4	1.89	11.8	122	2.5	3.0	4.0	3.5	Severe lodging in some plots; some curved ears
GSS 5022	Rogers	84	7.1	1.25	0.65	8.2	1.95	11.0	92	2.0	2.5	3.5	3.0	Severe lodging
GSS 9377	Rogers	97	9.8	1.72	0.62	8.5	2.01	11.9	111	3.5	4.5	4.5	4.0	Very sweet; many nice second ears
GSS 9379R	Rogers	101	10.3	1.46	0.74	8.4	2.10	13.5	107	3.5	3.0	3.5	3.0	Very little lodging
HMX 8392S	Harris Moran	103	8.7	1.41	0.63	7.6	2.05	14.0	143	3.0	2.0	3.0	3.0	Some curved ears; chews tough; no lodging
Marvel	Crookham	98	7.9	1.12	0.73	8.3	2.14	13.0	136	2.5	3.0	4.0	3.0	Severe lodging; tendency for curved ears
Missouri	Crookham	95	6.2	1.08	0.66	8.7	2.10	12.0	120	3.0	2.0	3.0	2.5	Severe lodging
PLS 620	Pure Line	97	6.5	1.02	0.65	9.1	1.96	12.6	128	3.0	3.0	3.5	3.0	Some curved ears
Sheba	Asgrow	84	6.3	1.20	0.54	8.6	1.80	12.0	51	2.5	2.5	4.0	3.0	Severe lodging; some curved ears; very tender and sweet
Supersweet Jubilee	Rogers	95	9.7	1.65	0.63	8.3	1.99	12.4	114	4.0	3.5	4.5	4.0	—
XP 8414667	Asgrow	95	7.2	1.15	0.59	8.1	1.89	11.3	132	4.0	2.5	2.5	2.5	Chews tough
XP 8414737	Asgrow	97	6.8	1.42	0.52	7.3	1.96	11.9	94	3.0	3.5	4.0	3.0	—
XP 8415337	Asgrow	97	4.5	0.95	0.49	7.3	1.88	12.5	120	4.0	2.5	3.5	2.5	Chews tough

Planted June 16, 2000, Corvallis, OR in rows 36 inches apart, thinned to 9 inches 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.

<sup>1</sup>Tenderness determined by a spring-operated puncture gauge; lower numbers indicate more tender pericarp.

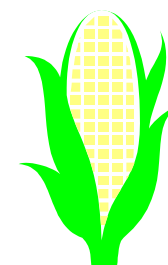
<sup>2</sup>Scores based on 1–5 scale with 5 = best.

<sup>3</sup>Kernel refinement is a measure of kernel size. A higher number indicates small, more evenly sized kernels.

<sup>4</sup>Ear uniformity refers to the degree of variation among ears.

<sup>5</sup>Spades are ears that are noticeably flattened, especially at the tip.

<sup>6</sup>Lodging = plant falls over.





# Corn, Supersweet (sh2)

Variety	Source	Days to Harvest	Tons/ Acre	Ears/ Plant	Lb/ Ear	Ear Length (in)	Ear Diam. (in)	Kernel Depth (mm)	Pericarp Toughness <sup>1</sup>	Kernel Refinement <sup>2</sup>	Ear Unif. <sup>3</sup>	Flavor <sup>2</sup>	Overall Score <sup>2</sup>	Notes <sup>2,5</sup>
<b>White</b>														
Seneca Sugarburst	Johnny's	88	10.1	1.72	0.55	7.5	2.05	12.0	103	4.0	3.0	4.0	4.0	Planted on outside row so yield may be inflated; oval ears
Sweet Magic	Harris	84	10.3	2.24	0.51	7.3	1.85	11.0	77	3.5	4.0	3.0	3.5	Planted on outside row so yield may be inflated; some curved ears
White Saturn	Seedway	88	8.5	1.77	0.51	7.6	1.95	12.0	116	4.0	4.0	3.5	4.0	Very nice ears
XP 8414577	Asgrow	97	6.6	1.21	0.54	7.7	1.96	11.6	131	4.0	2.5	3.5	2.5	Good plants with little or no lodging; some very oval ears; chews tough
<b>Bicolor</b>														
Madonna	Asgrow	95	7.8	0.90	0.90	8.3	2.20	13.5	113	3.0	2.0	3.0	3.0	Some ears have rows with no kernel development; sweet but no corn flavor; ear quality affected by severe lodging
Top Notch	Harris	88	9.8	1.55	0.60	7.8	2.00	11.0	133	2.5	4.0	4.5	3.5	Planted on outside row so yield may be inflated; some lodging; many good second ears
XP 8414617	Asgrow	95	6.7	1.18	0.59	7.6	2.00	11.4	123	4.0	3.0	3.5	3.5	Good plants with little or no lodging

Planted June 16, 2000, Corvallis, OR in rows 36 inches apart, thinned to 9 inches 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.

<sup>1</sup>Tenderness determined by a spring-operated puncture gauge; lower numbers indicate more tender pericarp.

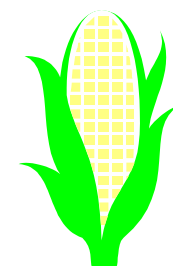
<sup>2</sup>Scores based on 1–5 scale with 5 = best.

<sup>3</sup>Kernel refinement is a measure of kernel size. A higher number indicates small, more evenly sized kernels.

<sup>4</sup>Ear uniformity refers to the degree of variation among ears.

<sup>5</sup>Spades are ears that are noticeably flattened, especially at the tip.

<sup>6</sup>Lodging = plant falls over.



# Cucumbers

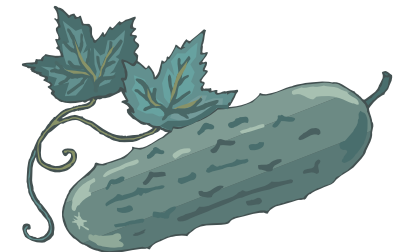
Variety	Source	Type	Overall Score <sup>1</sup>	Spines	Fruit Length (cm)	Fruit Width (cm)	Vigor <sup>1</sup>	Skin Color	Disease <sup>2</sup>	Notes <sup>3</sup>
<b>Slicing</b>										
CU 391	Territorial	American slicer	3	White	25.0	5.0	5	Med green	3	Warty, tough skin; pithy
Dasher II	Harris	American slicer	5	White	20.0	4.5	5	Dark green	5	Cavitation
Greensleeves	Harris Moran	American slicer	6	White	21.0	5.0	7	Dark green	3	Cavitation; seedy
Panther	Sunseeds	American slicer	7	White	20.0	4.0	7	Dark green	5	Good flavor and texture
Poinsett 76	Twilley	American slicer	5	White	19.0	4.5	5	Med green	7	Slight cavity; pithy
Raider	Harris Moran	American slicer	7	White	25.0	5.0	5	Very dark green	1	Straight fruit; well filled
Sweet Slice	Twilley	American slicer	1	White			1		8	No marketable fruit
Tasty Green	Territorial	Japanese slicer	7	White	25.0	2.8	7	Med green	3	Curved fruit; some poor pollination
Turbo	Osborne	American slicer	5	White	21.0	4.0	3	Uneven green	7	Very spiny; good flavor; low yield
<b>Pickling</b>										
Conquest	Johnny's	Pickler	3	White	15.0	5.0	3	Med green	7	Concentrated set; fair yield
County Fair	Gurney's	Pickler	3	White	12.0	2.5	3	Light green striped	5	Early
Napoleon Supreme	Sunseeds	Pickler	5	White	9.0	4.0	3	Med green	5	Concentrated set; high yield
Patio Pickle	Harris	Pickler	1	White	11.0	2.5	1	Med green striped	7	Concentrated set; seedy; some poor pollination
Vlaspik	Osborne	Pickler	4	White	12.0	2.5	3	Med green	7	High yield; concentrated set

Planted June 14, 2000, Corvallis, OR.

<sup>1</sup>Scores based on 1–9 scale with 9 = best.

<sup>2</sup>Scores (angular leaf spot) based on 1–9 scale with 9 = severe.

<sup>3</sup>Cavitation refers to the formation of pockets of air (cavities) within the fruit.



# Eggplants

Variety	Source	Overall Score	Fruit Color	Calyx Color <sup>1</sup>	Fruit Shape	Fruit Length (cm)	Fruit Width (cm)	Yield	Disease Severity <sup>2</sup>	Plant Height (cm)	Plant Width (cm)	Notes <sup>3</sup>
Black Magic	Harris	3	Black	Green	Pear	14.5	7.5	5	9	50	55	Very nice interior; dense; sweet
Blue Marble	Burpee	7	Purple black	Purple	Round	10.0	11.0	5	7	55	60	Fair flavor; early
Bride	Territorial	5	White with purple stripes	Green	Oriental long	16.0	3.5	7	7	60	55	Slightly bitter flavor; flesh oxidizes (turns brown) quickly when cut
Burpee Hybrid	Burpee	2	Black	Green	Pear	14.5	7.0	7	3	80	60	Firm flesh but many locular cavities
Classic	Harris	5	Black	Green	Pear	18.0	7.5	5	5	70	70	Spiny; spongy, coarse texture; sweet
Cloud Nine	Nichols	6	White	Green	Pear	18.0	8.5	1	5	55	70	Sweet flavor with slightly bitter aftertaste
Comprido Verde	Johnny's	5	Green	Green	Oblong	7.5	5.0	1	3	80	90	Very bitter; white flowers
Dusky	Territorial	9	Black	Green	Pear	18.0	9.0	3	9	70	70	Good flavor
Early Black	Garden City Seeds	5	Black	Purple	Elongate	16.0	9.5	2	7	45	60	Fair flavor
Epic	Peto	6	Black	Green	Pear	20.0	9.5	7	7	65	65	—
Farmers Long	Known You	5	Purple	Purple	Very long	27.0	3.0	3	3	80	80	Flesh turns brown quickly when cut; good flavor
Ichiban	Nichols	5	Black	Purple	Oriental long	21.0	4.0	7	7	75	60	Spiny calyx
Linda	Daehnfeldt	5	Black	Green	Pear	27.0	6.5	1	3	55	65	Slightly bitter
Megal	Osborne	6	Black	Green	Elongate pear	22.0	6.5	5	7	60	85	Nice shape; shiny; bitter
Millionaire	Burpee	8	Black	Purple	Elongate	24.0	6.5	3	9	60	70	Soft fruit; good flavor; good internal appearance
Nadia	Johnny's	3	Black	Green	Pear	21.0	9.0	3	7	75	80	Sweet
Neon	Johnny's	5	Purple	Green	Elongate	20.0	6.5	5	3	75	80	Very white flesh; fair flavor
Purple Blush	Burpee	7	Ivory with purple blush	Green	Round	14.0	11.0	7	5	70	60	Dense flesh; early; mild flavor
Purple Rain	Burpee	7	Purple with white stripes	Green	Pear	15.0	8.0	3	5	70	75	Sweet, mild flavor

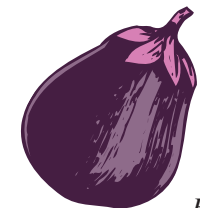
Transplants set out May 23, 2000, Corvallis, OR.

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

<sup>1</sup>The calyx is the set of sepals (remnants of the flower) on the stem end of the fruit.

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

<sup>3</sup>Locular cavities are cavities within the fruit.



# Kale

Variety	Source	Overall Score	Type	Color	Flavor	Notes
Blue Ridge	Sakata	5	Garnish	Blue-green	Strong	Very curled leaves
Red Peacock	Johnny's	9	Garnish/flowering	Blue-green/deep pink center	Sweet	Lovely, finely divided leaves; very uniform
Redbor	Territorial	7	Garnish	Deep red-purple	Very sweet	Very curled leaves
White Peacock	Johnny's	7	Garnish/flowering	Dull green/white center	Mild	Finely divided leaves; feathery appearance
White Russian	Territorial	5	Garnish/cooking	Blue-green/white veins	Strong	Adventitious leaves coming out of veins

Planted July 5, 2000, Corvallis, OR.

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

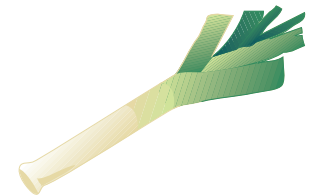


# Leeks

Variety	Source	Root Length (cm)	Root Width (cm)	Foliage Color	Vigor	Notes
Alora	Siegers	14.0	3.8	Blue-green	7	Upright plants
Columbus	Osborne	18.0	4.0	Blue-green	7	—
Dawn Giant	Burpee	21.0	5.0	Yellow-green	9	Upright plants
Electra	Harris	11.0	5.0	Blue-green	7	—
Jersey	Osborne	14.0	3.8	Blue-green	5	—
Mussleburg	Nichols	12.0	4.0	Green	5	Bulb developing
Pancho	Johnny's	19.5	4.0	Blue-green	7	Early; slight bulb forming
Prenora	Daehnfeldt	15.0	4.0	Blue-green	5	—
Primor	Vilmorin	19.0	4.0	Blue-green	5	—
Rikor	Johnny's	30.0	3.5	Yellow-green	9	Tall plants; early
Senora	Daehnfeldt	18.0	4.0	Blue-green	5	—
Tadorna	Johnny's	15.0	4.0	Very blue-green	5	Thrip damage
Winora	Daehnfeldt	13.0	4.5	Blue-green	7	Some Botrytis

Planted April 21, 2000, Corvallis, OR.

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



# Melons

Variety	Source	Overall Score <sup>1</sup>	Maturity	Flesh Color	Rind Color	Brix <sup>2</sup>	Fruit Length (cm)	Fruit Width (cm)	Cavity Length (cm)	Cavity Width (cm)	Netting	Disease Incidence <sup>3</sup>	Notes
<b>California shipping<sup>4</sup></b>													
Achaparral	Abbott & Cobb	3	Early	Orange	Tan	11	13.0	12.5	7.5	5.5	Coarse heavy	9	Poor flavor
Acimarron	Abbott & Cobb	3	Med early	Orange	Tan	10	13.5	12.5	8.5	6.5	Med heavy	9	Small fruit; good yield; vines dead
Allstar	Harris Moran	5	Med	Orange	Tan	9	13.0	12.5	8.5	8.5	Med	9	Many small fruit but good yield
Ambrosia	Peto	7	Med late	Orange	Tan	13	15.0	13.5	9.0	6.0	Med	2	Good flavor; soft texture; some fruit rot
BOS 3001	Orsetti	1	Late	Orange	Tan	11	14.5	13.0	9.0	6.5	Coarse	3	Poor yield
Cruiser	Harris Moran	4	Early	Orange	Tan	10	13.0	12.0	9.0	5.5	Coarse heavy	9	Bland flavor; vines dead
Desert Gold	Sunseeds	5	Med early	Orange	Tan	12	12.5	12.0	2.5	5.5	Coarse heavy	7	Mild flavor; vines dead; fruit rot
Desert Queen	Sunseeds	3	Med late	Orange	Tan	8	13.0	12.0	7.5	6.5	Coarse heavy	5	Poor flavor
Eclipse	Peto	7	Med	Orange	Tan	17	16.0	15.0	11.0	7.0	Coarse heavy	1	Good, mild flavor; fair yield
Fastbreak	Peto	3	Med early	Orange	Tan	12	15.0	13.0	9.5	6.5	Coarse	1	Slight ribbing; fruit rot
Hale's Best	Seeds of Change	3	Med	Orange	Tan	9	15.0	11.5	10.0	5.5	Coarse but light	9	Vines dead
Harper Hybrid	Harris	6	Med	Orange	Tan	13	14.0	13.0	7.5	5.5	Med coarse	7	Excellent flavor; fair yield
La Fiesta	Orsetti	5	Late	Orange	Tan	13	14.5	12.0	9.5	5.0	Coarse	7	Good flavor
Magnum .45	Twilley	3	Med	Orange	Tan	12	15.0	12.0	10.0	5.0	Coarse	7	Small fruit; poor flavor; vines dead
Mission	Asgrow	3	Med late	Orange	Tan		15.0	2.5	10.0	5.5	Coarse heavy	9	Vines dead
Oro Rico	Harris Moran	1	Med late	Orange	Tan	12	15.0	13.0	10.0	6.5	Coarse heavy	7	Fruit rotted

Planted June 13, 2000, Corvallis, OR.

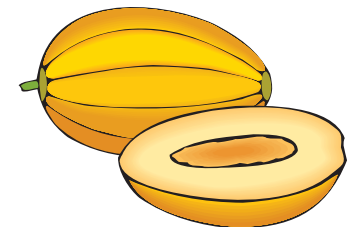
<sup>1</sup>Scores based on 1–9 scale with 9 = best.

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

<sup>3</sup>Scores (angular leaf spot) based on 1–9 scale with 9 = severe.

<sup>4</sup>California shipping type melons are characterized by heavy netting, which protects the skin during shipping.

<sup>5</sup>Eastern cantaloupes are ribbed, usually larger and thinner walled than California shippers. They generally are very sweet and may have a stronger “musky” flavor.



# Melons

Variety	Source	Overall Score <sup>1</sup>	Maturity	Flesh Color	Rind Color	Brix <sup>2</sup>	Fruit Length (cm)	Fruit Width (cm)	Cavity Length (cm)	Cavity Width (cm)	Netting	Disease Incidence <sup>3</sup>	Notes
<b>Eastern cantaloupes<sup>5</sup></b>													
Athens	Sunseeds	7	Med	Orange	Tan	12	16.0	14.0	11.0	7.0	Coarse diffuse	3	Good flavor; light ribbing
Classic	Liberty	7	Med	Orange	Tan	14	15.0	14.5	9.0	7.5	Coarse heavy	5	Fair yield
Early Dawn	Harris	6	Early	Orange	Tan	12	18.0	14.5	12.0	5.5	Medium	5	Good yield; fair flavor; light ribbing
Gold Star	Harris	4	Med	Orange	Tan	12	14.0	12.5	9.0	5.0	Coarse heavy	3	Powdery mildew susceptible
Primo	Twilley	4	Med	Orange	Tan	11	20.0	16.0	14.0	7.0	Fine heavy	7	Soft fruit; poor flavor
Starship	Harris Moran	8	Med	Orange	Tan	12	16.0	14.0	11.0	7.0	Coarse diffuse	3	Good flavor; light ribbing
Superstar	Harris Moran	8	Med	Pale orange	Tan	15	16.0	16.0	9.5	7.5	Very coarse	3	Fair yield; powdery mildew susceptible
Touchdown	Peto	5	Early	Orange	Tan	11	21.0	15.0	14.5	7.5	Med coarse	7	Concentrated set; good yield; vines prematurely dead
<b>Honeydew</b>													
Earlidew	Nichols	6	Early	Pale green	Pale yellow	15	16.0	15.0	8.5	7.5	Fine	7	Good flavor; some fruit rot
Honey Pearl	Johnny's	5	Med late	White	Ivory	17	18.5	16.0	11.5	8.0	None	3	Soft, coarse flesh; fruit rot; fair yield
Morning Ice	Harris	7	Med late	Green	Ivory	14	19.0	16.0	11.0	8.0	None	9	Mild flavor; firm texture
Orange Blossom	Peto	—	Very late	Pale orange	Ivory		14.5	12.5	9.0	6.0	None	3	No ripe fruit
<b>Other</b>													
Edonis	Johnny's	2	Med early	Orange	Pale green	9	11.5	11.5	6.5	5.0	None	7	Charentais type; light ribbing; poor flavor
Gallicum	Territorial	5	Med	Pale green	Yellow	12	15.0	13.5	8.0	5.0	Fine	3	Bland flavor

Planted June 13, 2000, Corvallis, OR.

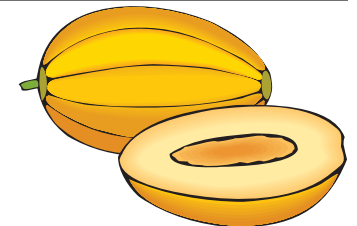
<sup>1</sup>Scores based on 1–9 scale with 9 = best.

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

<sup>3</sup>Scores (angular leaf spot) based on 1–9 scale with 9 = severe.

<sup>4</sup>California shipping type melons are characterized by heavy netting, which protects the skin during shipping.

<sup>5</sup>Eastern cantaloupes are ribbed, usually larger and thinner walled than California shippers. They generally are very sweet and may have a stronger “musky” flavor.



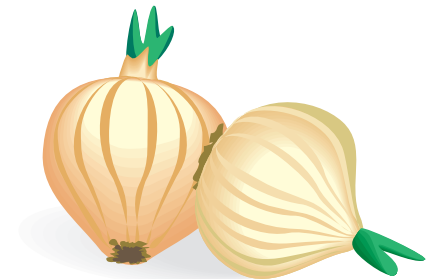
# Onions

Variety	Source	Overall Score <sup>1</sup>	Maturity	Color	Length (cm)	Width (cm)	Shape	Neck	Disease <sup>2</sup>	Notes
Aragon	Daehnfeldt	6	Med early	Yellow	7.0	7.0	Globe	Medium	3	Variable shape; many twins
Blanco Duro	Territorial	7	Med late	White	10.0	8.0	Globe	Medium	5	Sweet Spanish type; good white color
Brahma	Sunseeds	8	Med early	Yellow	10.0	9.0	Globe	Medium	2	Some thick necks
Cipollini	Nichols	6	Med early	Yellow	3.0	5.5	Flat	Large	3	Novelty; interesting, attractive shape; not for storage
Columbia	Gurney's	7	Med early	Yellow	10.0	7.5	Globe	Medium	2	Variable size and shape
Copra	Johnny's	8	Med early	Yellow	8.0	7.5	Globe	Small	2	Uniform size and shape; some thicker necks
Early Yellow Globe	Pinetree	6	Early	Yellow	6.5	7.0	Globe	Medium	3	Variable shape; many twins; small
Fabius	Harris Moran	5	Late	Yellow	8.5	10.5	Globe	Large	2	Poor stand may have contributed to large size
First Edition	Territorial	8	Med early	Yellow	8.5	7.0	Globe	Medium	2	Uniform
Frontier	Takii	8	Early	Yellow	7.0	7.5	Globe	Small	1	Very uniform with very neat necks
Mars	Harris Moran	6	Medium	Red	10.0	10.0	Globe	Medium	1	Very large
Millennium	Sunseeds	9	Early	Yellow	8.0	7.5	Globe	Small	1	Uniform; very neat necks
New York Early	Johnny's	7	Early	Yellow	9.0	8.0	Globe	Small	3	Variable size; some very large
Prince	Johnny's	8	Med early	Yellow	8.5	8.0	Globe	Small	3	Some flattened globes; nice size and appearance
Quest	Peto	7	Late	Yellow	10.0	8.5	Globe	Medium	4	Uniform; large
Redwing	Johnny's	7	Medium	Red	8.0	9.0	Slightly flat globe	Medium	3	Very good color; thick skin
Sabroso	Sunseeds	8	Med late	Yellow	8.0	7.5	Globe	Small	2	Uniform
Simcoe	Territorial	8	Med early	Yellow	8.0	8.5	Globe	Small	2	Uniform
Southport Red Globe	Pinetree	5	Med early	Red	8.0	10.0	Globe	Large	4	Variable size and shape but mostly large
Spectrum	Sunseeds	8	Medium	Yellow	8.5	7.5	Globe	Small	1	Uniform
T418	Takii	8	Early	Yellow	8.0	9.0	Globe	Small	1	Uniform; large; very neat necks

Planted April 21, 2000, Corvallis, OR.

<sup>1</sup>Overall score based on 1–9 scale with 9 = best.

<sup>2</sup>Disease (probably Botrytis, which came in late and did not hurt onions) scores based on 1–5 scale with 5 = severe.





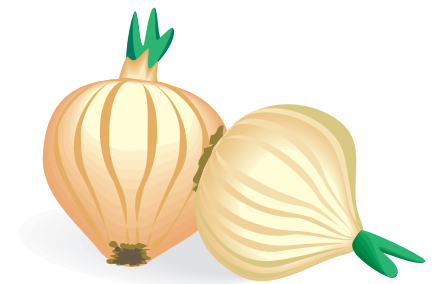
# Onions

Variety	Source	Overall Score <sup>1</sup>	Maturity	Color	Length (cm)	Width (cm)	Shape	Neck	Disease <sup>2</sup>	Notes
T433	Takii	7	Med early	Yellow	9.0	10.0	Globe	Medium	4	Very large; uniform
T439	Takii	6	Med late	Yellow	8.0	9.0	Globe	Medium	3	Widely variable size, some quite large
Tango	Sunseeds	8	Med early	Red	8.0	8.5	Globe	Small	2	Uniform
Torque	Pinetree	6	Med early	Yellow	7.0	7.0	Globe	Medium	2	Variable size
Uni-Globe 100	Peto	8	Medium	Yellow	7.5	8.5	Globe	Small	2	Uniform; very neat necks
Vaquero	Sunseeds	7	Med early	Yellow	8.0	8.5	Globe	Medium	2	Slightly variable size and shape
Vision	Peto	6	Late	Yellow	8.0	8.5	Globe	Medium	3	Variable size
Winner	Sunseeds	8	Medium	Yellow	9.5	10.0	Globe	Medium	1	Uniform; very large

Planted April 21, 2000, Corvallis, OR.

<sup>1</sup>Overall score based on 1–9 scale with 9 = best.

<sup>2</sup>Disease (probably Botrytis, which came in late and did not hurt onions) scores based on 1–5 scale with 5 = severe.



# Peppers, Bell

Variety	Source	Overall Fruit Score <sup>1</sup>	Earliness <sup>2</sup>	Mature Color	Fruit Length (cm)	Fruit Width (cm)	Plant Height (cm)	Plant Width (cm)	Relative Flesh Thickness <sup>1</sup>	Sun-scald <sup>3</sup>	Notes <sup>4</sup>
1931	Hazera	1	2	Red	11.0	8.5	40	50	9	3	Variable flesh thickness and color with large white spots on interior; first fruit set low
1972	Hazera	5	1	Red	10.5	8.5	38	48	8	1	Firm, blocky fruit; tough skin; bland flavor
ACX P024	Abbott & Cobb	7	1	Red	10.0	10.5	43	54	7	5	4- and 5-lobed fruit; fair flavor; very nice, blocky fruit; good yield
ACX P208	Abbott & Cobb	5	2	Red	11.0	9.5	38	52	7	1	Blocky fruit on compact plants
Bell Boy	Pinetree	3	3	Red	10.0	9.0	32	50	9	7	Good-sized, blocky fruit; vigorous plants; good yield; fair flavor
Bell Tower	Liberty	5	2	Red	10.0	9.0	38	60	7	5	Good flavor
Belle Star	Harris Moran	3	2	Red	10.0	8.0	35	40	9	7	Compact plants; fruit cracking; good flavor; 3-lobed fruit
Blushing Beauty	Peto	3	1	Ivory to blush to red	10.5	8.0	42	47	8	1	Good as a wax bell; mild flavor
Boynton Bell	Harris Moran	3	2	Red	13.0	9.0	38	52	7	7	Very sweet
Bridger	Nichols	5	2	Red	12.0	10.0	46	54	8	9	Nice flavor; good-size fruit; good yield
Camelot	Johnny's	6	2	Red	16.0	10.0	40	45	9	5	Blocky; very thick flesh; upright plants
Commandant	Rogers	3	1	Red	11.5	7.5	35	50	7	3	Variable fruit shape; mild flavor; purpling on immature fruit
Corona	Johnny's	8	2	Orange	10.0	9.0	35	49	9	5	Blocky fruit; very good flavor
Early Calwonder	Liberty	5	2	Red	10.0	8.5	44	50	8	3	Good, sweet flavor; variable yield
Early Sunsation	Nichols	5	2	Orange	11.0	8.5	30	40	8	5	Very small, compact plants; poor leaf cover; not sweet
Elisa	Garden City Seeds	7	2	Red	18.5	8.5	40	65	7	3	Elongate bell; good flavor
Enterprise	Asgrow	5	2	Red	11.0	10.0	37	43	7	1	Good flavor; blocky
Fat 'N Sassy	Nichols	7	3	Red	11.0	9.5	38	50	9	3	Good flavor; high yield

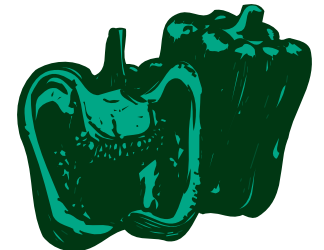
Transplants set out May 23, 2000, Corvallis, OR in 3-foot rows, about 24 inches between plants.

<sup>1</sup>Scores based on 1–9 scale with 9 = best or thickest.

<sup>2</sup>Scores based on 1–5 scale with 5 = earliest.

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

<sup>4</sup>Fruit on the ground means the plant is either too short or too weak to hold up the fruit.



# Peppers, Bell

Variety	Source	Overall Fruit Score <sup>1</sup>	Earliness <sup>2</sup>	Mature Color	Fruit Length (cm)	Fruit Width (cm)	Plant Height (cm)	Plant Width (cm)	Relative Flesh Thickness <sup>1</sup>	Sun-scauld <sup>3</sup>	Notes <sup>4</sup>
Golden Bell	Territorial	7	5	Orange	15.0	9.5	28	38	8.0	5	Long, tapered fruit; very good, mild, sweet flavor; poor leaf cover; fruit on ground
Golden Summer	Gurneys	7	2	Orange	12.0	8.0	38	58	9.0	1	Large, blocky fruit; mild flavor
Islander	Johnny's	9	4	Purple to orange to red	13.0	8.5	31	50	7.0	1	Good flavor; all stages of fruit maturity are attractive and usable
Lady Bell	Harris Moran	6	5	Red	11.5	9.0	35	60	8.0	3	Small plants, very good yield; fair flavor
Lafayette	Siegers	5	2	Orange	13.0	9.5	41	50	10.0	3	Very good color; fair flavor
Lamuyo 97-516	Danson	5	2	Red	14.0	8.5	48	65	7.0	1	Elongate; bland flavor
Napoli	Danson	7	3	Red	17.5	7.0	39	54	8.0	3	Elongate; good flavor
North Star	Johnny's	8	5	Red	10.5	7.5	31	39	7.0	5	Variable fruit size but mostly small; very good, sweet flavor
Orange Bell	Burpee	3	2	Orange	11.0	8.0	35	54	6.5	7	Moderately sweet; variable maturity
Ori	Vilmorin	3	2	Orange	16.0	9.0	37	50	8.0	5	Elongate; strong, bitter flavor
Purple Beauty	Territorial	7	2	Purple to red	8.0	10.0	35	57	8.0	3	Strong pepper flavor, slightly bitter; need sun for good purple color; fruit interior green
Red Knight	Johnny's	3	4	Red	11.0	9.0	38	47	8.0	7	Variable maturity; compact plants with fruit on ground; good flavor
Summer Sweet 870	Abbott & Cobb	5	1	Red	8.0	8.5	30	50	8.0	1	Blocky; mild flavor
Summer Sweet 880	Abbott & Cobb	6	2	Red	9.5	9.5	47	54	7.0	3	Mild flavor; vigorous, upright plants; large, blocky fruit
Valencia	Harris	4	2	Orange	9.5	9.0	42	60	9.0	7	Fair flavor; uniform fruit size
Vidi	Vilmorin	7	2	Red	20.0	8.5	36	60	7.0	3	Elongate 3- and 4-lobed fruit; some pointed, some blocky; high yield, good, mild, sweet flavor

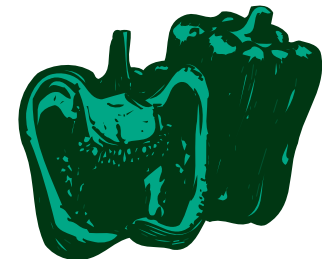
Transplants set out May 23, 2000, Corvallis, OR in 3-foot rows, about 24 inches between plants.

<sup>1</sup>Scores based on 1–9 scale with 9 = best or thickest.

<sup>2</sup>Scores based on 1–5 scale with 5 = earliest.

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

<sup>4</sup>Fruit on the ground means the plant is either too short or too weak to hold up the fruit.



# Peppers, Miscellaneous

Variety	Source	Type	Overall Fruit Score <sup>1</sup>	Earliness <sup>2</sup>	Mature Color	Fruit Length (cm)	Fruit Width (cm)	Plant Height (cm)	Plant Width (cm)	Relative Flesh Thickness <sup>1</sup>	Sunscald <sup>3</sup>	Notes <sup>4</sup>
<b>Sweet</b>												
Apple	Johnny's	Pimiento	7	4	Red	10.0	5.5	46	56	6	1	Very good, sweet flavor
Banana Supreme	Peto	Sweet wax	6	2	Red	20.0	4.0	48	57	3	1	Tall, vigorous plants; mild, pleasant flavor
Euro Jumbo Sweet Cherry	Liberty	Large cherry	7	5	Red	5.0	6.0	38	56	6	1	Good flavor; tough skin with some cracking
Lipstick	Johnny's	Pimiento	7	5	Red	10.0	5.0	36	46	8	3	Tapered, very dark red fruit; very good flavor
Pimiento L	Seeds of Change	Pimiento	3	1	Red	8.0	6.0	40	48	8	1	—
Pizza	Oregon State University	Pimiento	7	2	Red	10.5	5.0	50	58	9	1	Vigorous plant with good yield; good flavor
Red Bulls Horn	Territorial	Sweet Italian	5	2	Red	20.0	7.0	70	70	6	1	Large, vigorous plants; fair flavor; high yield
Red Heart Pimiento	Seeds of Change	Pimiento	5	2	Red	13.0	6.5	42	60	9	3	Bland flavor; apparent virus symptoms

Transplants set out May 23, 2000, Corvallis, OR in 3-foot rows, about 24 inches between plants.

<sup>1</sup>Scores based on 1–9 scale with 9 = best or thickest.

<sup>2</sup>Scores based on 1–5 scale with 5 = earliest.

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

<sup>4</sup>The placenta is the internal membranes to which the seeds are attached.



# Peppers, Miscellaneous

Variety	Source	Type	Overall Fruit Score <sup>1</sup>	Earliness <sup>2</sup>	Mature Color	Fruit Length (cm)	Fruit Width (cm)	Plant Height (cm)	Plant Width (cm)	Relative Flesh Thickness <sup>1</sup>	Sun-scald <sup>3</sup>	Notes <sup>4</sup>
<b>Hot</b>												
Anaheim	Peto	Anaheim	3	1	Red	17.0	4.5	55	70	5	3	Large, vigorous plants with good yield
Euro Blocky Semi-hot	Liberty	Wax bell	7	3	Red	15.5	7.0	46	56	6	1	Good flavor; pungency in placenta only, not in walls
Euro Long Hungarian	Liberty	Wax	8	3	Red	21.0	6.0	51	52	6	3	Medium strong pungency
Serrano	Burpee	Serrano	5	1	Red	6.5	1.3	50	60	4	1	Plant lodging without much yield
Solano	Hungnong	Anaheim	3	1	Red	18.0	5.5	62	60	5	1	Vigorous plants with good yield; very mild
Solar	Danson	Wax	7	2	Orange to red	10.0	4.0	33	65	6	1	Good, sweet flavor with medium pungency
Tam Jalapeño	Peto	Jalapeño	7	2	Red	8.0	2.5	37	54	7	1	Good flavor; wall is sweet, pungency is in the placenta
Volcano	Harris Moran	Hot wax	6	2	Red	16.5	4.5	46	50	5	1	Mild pungency, mainly in the placenta

Transplants set out May 23, 2000, Corvallis, OR in 3-foot rows, about 24 inches between plants.

<sup>1</sup>Scores based on 1–9 scale with 9 = best or thickest.

<sup>2</sup>Scores based on 1–5 scale with 5 = earliest.

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

<sup>4</sup>The placenta is the internal membranes to which the seeds are attached.



# Pumpkins

Variety	Source	Overall Score	Skin Color	Fruit Height (cm)	Fruit Width (cm)	Yield	Vigor	Habit	Disease <sup>1</sup>	Notes <sup>2,3</sup>
<b>Jack-o-lantern</b>										
Autumn King	Rupp	7	Orange	40.0	37.0	5	6	Large vine	7	Nice color; good handles; large cavity
Connecticut Field	Burpee	2	Orange	32.0	35.0	5	6	Vine	7	Mottled, blemished fruit
Frosty	Territorial	2	Pale orange	24.0	23.0	7	5	Semi-bush	8	Variable shape; poor color
Gold Fever	Rupp	5	Orange	24.0	22.0	7	6	Semi-bush	6	Long handles; fair color
Gold Rush	Rupp	2	Orange	39.0	35.0	6	5	Vine	7	Irregular shape; thin handle
Gold Standard	Rupp	7	Deep orange	22.0	22.0	7	8	Semi-bush	7	Smooth skin; good flavor; fruit set concentrated in crown of plant; good handles
Howden	Harris Moran	6	Orange	35.0	29.0	3	5	Vine	8	Very large; classic shape with ribs
Howdy Doody	Rupp	7	Orange	25.0	33.0	7	7	Vine	7	Good, bright, even color; good, thick handles; some blemishes and rotting fruit
Magic Lantern	Harris	8	Very deep orange	28.0	32.0	7	6	Vine	4	Very good color; good, dark green handles; good, uniform shape
Merlin	Harris Moran	7	Deep orange	27.0	29.0	7	5	Vine	7	Good color
Mother Lode	Rupp	2	Orange	33.0	32.0	5	5	Semi-bush	7	Variable size
Touch of Autumn	Rupp	7	Orange	12.0	13.0	6	7	Semi-bush	4	Traditional shape; good color; good, strong handles; susceptible to white mold

## Pie/Jack-o-lantern

Baby Pam	Harris	7	Orange	12.0	16.5	7	5	Vine	7	Good color; excellent flesh color; nice shape; fair flavor
Gold Strike	Rupp	5	Orange	31.0	35.0	3	6	Vine	7	Nice, dark handles; thick flesh; some fruit with severe russetting
Pik-A-Pie	Rupp	7	Deep orange	16.0	19.0	7	7	Semi-bush	7	Pie only. Good flavor; good, dark green handles
Spirit	Peto	5	Orange	27.0	28.0	7	5	Semi-bush	5	Short handles; classic shape
Spookie	Harris	5	Orange	11.5	16.0	7	6	Vine	8	Variable shape and size; good flesh color; fair flavor; good handles
Trickster	Rupp	7	Orange	11.0	15.0	7	6	Vine	8	Classic shape; good handles; good flavor

Planted June 13, 2000, Corvallis, OR.

Scores based on 1–9 scale with 9 = best, except as indicated below.

<sup>1</sup>Disease (mostly powdery mildew) score based on 1–9 scale with 9 = most severely infected.

<sup>2</sup>Russetting refers to a rust or brownish spattering of color on the rind.

<sup>3</sup>Oblate = slightly flattened (as opposed to round)



# Pumpkins

Variety	Source	Overall Score	Skin Color	Fruit Height (cm)	Fruit Width (cm)	Yield	Vigor	Habit	Disease <sup>1</sup>	Notes <sup>2,3</sup>
<b>Miniature</b>										
Jack-B-Quik	Rupp	5	Orange	5.5	9.0	7	6	Vine	7	Oblate; good flavor
Lil' Goblin	Harris	8	Orange	10.5	11.0	8	7	Bush	6	Early; good color
Lil' Ironsides	Harris Moran	7	Deep orange	9.5	11.0	8	8	Semi-bush	7	Good color; nice handles; hard rind
<b>Multi-purpose</b>										
Baby Bear	Nichols	7	Orange	9.0	14.0	8	4	Large vine	8	Oblate; good color; sweet, fine-grained flesh; hullless seeds
Triple Treat	Burpee	2	Orange	17.0	20.0	5	5	Semi-bush	7	Severe russetting makes fruit unattractive; good flavor; hullless seeds

Planted June 13, 2000, Corvallis, OR.

Scores based on 1–9 scale with 9 = best, except as indicated below.

<sup>1</sup>Disease (mostly powdery mildew) score based on 1–9 scale with 9 = most severely infected.

<sup>2</sup>Russetting refers to a rust or brownish spattering of color on the rind.

<sup>3</sup>Oblate = slightly flattened (as opposed to round)



# Radicchio

Variety	Source	Overall Score	Head Height (cm)	Head Width (cm)	Petiole Color <sup>1</sup>	Uniformity	Core Length (cm)	Notes
Alto	Johnny's	5	11.5	10.0	Shiny dark red/white	3	5.0	More erect heads; soft; one bolting
Ambra	Harris	8	10.0	11.0	Dull red/white	9	7.0	No bolters; russetting on leaves
Augusto	Territorial	7	8.0	8.0	Bright red/white	5	4.0	Solid heads; variable maturity
Chiogga Red Preco	Johnny's	9	8.5	10.5	Dull red/cream	7	4.5	Very dense heads; no bolting; russetting on leaves
Fiero	Johnny's	3	19.0	8.0	Dark red/white	5	5.5	Upright type; early; all bolting on 20 September
Melrose	Johnny's	5	10.5	12.0	Bright red/white	3	6.5	Several heads beginning to bolt on 20 September
Milan	Nichols	8	10.5	11.5	Dull red/white	7	5.5	Solid heads

Planted July 6, 2000, Corvallis, OR.

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

<sup>1</sup>The petiole is the “rib,” or center part, of the leaf.



# Squash, Summer

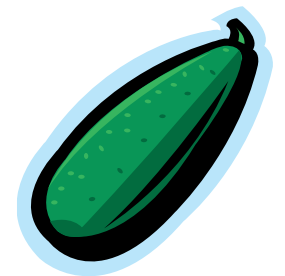
Variety	Source	Overall Score	First Mature Fruit	Fruit Fruit Uniformity	Plant Width (cm)	Plant Height (cm)	Plant Habit <sup>1</sup>	Fruit Curve <sup>2</sup>	Fruit Color	Fruit Length (cm)	Fruit Width (cm)	Rind Thickness	Notes
<b>Zucchini</b>													
ACX 45A	Abbott & Cobb	7	28 Jul	5	150	75	3	1	Dark green	20.0	5.0	5	Attractive, shiny fruit; almost spineless
Ambassador	Liberty	7	28 Jul	3	130	80	1	1	Med green	21.0	6.0	5	Nice, small fruit
Black Beauty	Territorial	5	31 Jul	1	140	85	3	2	Green with white flecks	25.0	6.5	5	Some poor pollination causing misshapen fruit
Butterstick	Territorial	3	28 Jul	5	140	62	9	1	Med yellow	23.0	6.0	7	Non-uniform color; slightly warty
Consul	Asgrow	4	3 Aug	1	150	80	3	3	Dark green	21.0	6.0	7	Spineless; good flavor; dense flesh
Elite	Harris Moran	7	26 Jul	3	125	65	3	1	Dark green	23.0	5.5	3	Early; prolific
Gold Rush	Territorial	5	1 Aug	3	135	75	3	2	Deep yellow	22.0	5.0	7	Misshapen fruit
Golden Delight	Siegers	9	30 Jul	7	130	65	1	1	Bright yellow	21.0	5.0	9	Very spineless
Jaguar	Harris Moran	7	29 Jul	3	130	65	3	1	Dark green	22.0	5.0	3	Very cylindrical
Raven	Johnny's	7	26 Jul	3	140	80	1	2	Dark green	18.0	5.0	5	Very good color; very attractive fruit; spineless
Seneca	Nichols	7	26 Jul	5	150	70	5	1	Green	19.5	4.5	3	Early; dense foliage; moderate spines; high yield

Planted June 14, 2000, Corvallis OR.

Scores based on 1–9 scale with 9 = best, except where noted.

<sup>1</sup>Scores based on 1–9 scale with 1 = most open habit.

<sup>2</sup>Scores based on 1–9 scale with 1 = straight and 9 = 90° curve or more.



# Squash, Summer

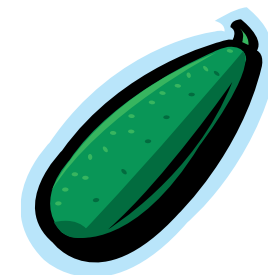
Variety	Source	Overall Score	First Mature Fruit	Fruit Fruit Uniformity	Plant Width (cm)	Plant Height (cm)	Plant Habit <sup>1</sup>	Fruit Curve <sup>2</sup>	Fruit Color	Fruit Length (cm)	Fruit Width (cm)	Rind Thickness	Notes
<b>Straightneck</b>													
Cougar	Harris Moran	3	31 Jul	5	110	60	3	2	Pale yellow	15.5	5.0	5	—
Gentry	Nichols	5	29 Jul	4	150	85	7	6-9	Pale yellow	15.0	5.5	7	Moderate spines; good flavor; variable fruit shape
Goldbar	Pinetree	5	28 Jul	7	140	70	3	2	Pale yellow	17.0	6.5	9	Fair flavor; spiny
Saffron	Burpee	3	28 Jul	5	140	65	7	1	Pale yellow	22.0	6.0	7	Very spiny
Sunray	Burpee	7	1 Aug	7	120	70	5	2	Pale yellow	17.0	5.5	3	Prolific; fruit usable through a range of maturities
Supersett	Harris Moran	5	29 Jul	5	130	70	5	2	Yellow	13.0	4.0	5	Prolific; very young fruit are good color and usable
<b>Crookneck</b>													
Fancycrook	Nichols	7	1 Aug	7	160	85	5	9	Med yellow	21.0	6.5	7	Prolific; smooth fruit; fruit are usable through a range of maturities
Yellow Crookneck	Territorial	5	4 Aug	5	130	90	9	9	Pale yellow	17.0	8.0	9	Prolific; warty; good flavor

Planted June 14, 2000, Corvallis OR.

Scores based on 1–9 scale with 9 = best, except where noted.

<sup>1</sup>Scores based on 1–9 scale with 1 = most open habit.

<sup>2</sup>Scores based on 1–9 scale with 1 = straight and 9 = 90° curve or more.



# Squash, Winter

Variety	Source	Species	Type	Overall Score	Color	Fruit Length (cm)	Fruit Width (cm)	Yield	Vigor	Habit	Disease <sup>1</sup>	Notes
Autumn Wings	Rupp	Pepo	Gourd	7	Multi	13.0	6.5	5	6	Vine	7	Varied, appealing shapes, most with wings
Blue Majic	Rupp	Maxima	Hubbard	5	Blue-gray	27.0	23.0	5	5	Vine	2	Small blue hubbard type; nice, bright orange flesh
Chieftan	Rupp	Moschata	Butternut	5	Tan with pale green stripe	21.0	11.0	5	5	Semi-bush	2	Late; fruit clustered close to crown of plant
Early Butternut	Peto	Moschata	Butternut	5	Tan	19.0	10.5	5	5	Vine	1	Small fruit but nice; good color; blocky neck
Fancy Warty Mix	Rupp	Pepo	Gourd	5	Multi			7	7	Vine	7	Good mix of shapes and colors
Festival	Seeds By Design	Pepo	Dumpling	4	Tan with orange stripe	10.5	13.0	4	7	Semi-bush	7	Pretty fruit; good flavor
Heart of Gold	Rupp	Pepo	Dumpling	7	Cream with dark stripe	11.5	13.0	7	7	Vine	6	Early; thin wall; large cavity; good flavor
Honey Boat	Oregon State University	Pepo	Delicata	9	Tan with green stripe	17.5	8.5	7	6	Vine	7	Excellent flavor
OSU 19	Oregon State University	Pepo	Dumpling	7	Cream with green stripe	11.0	10.0	5	6	Vine	5	Good flavor; very dense flesh
Pilgrim	Rupp	Moschata	Butternut	3	Tan with pale green stripe	22.0	12.0	8	3	Vine	9	Late; vines dead from powdery mildew
Sugar Loaf	Oregon State University	Pepo	Delicata	8	Tan with green stripe	14.0	9.5	7	5	Vine	9	Good flavor; dense flesh; susceptible to powdery mildew and white mold
Tasty Delight	Sakata	Maxima	Kabocha	5	Dark green	12.0	19.0	3	9	Vine	2	Yellow-green flesh; very firm
Ultra	Hollar	Moschata	Butternut	7	Tan	41.0	13.0	5	5	Vine	5	Very large, long fruit

Planted June 13, 2000, Corvallis, OR.

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

<sup>1</sup>Powdery mildew score based on 1–9 scale with 9 = most severely infected.



# Swiss Chard

Variety	Source	Overall Score	Stem Width (cm)	Stem Length (cm)	Color	Vigor	Notes
Bright Lights	Johnny's	7	5.0	60.0	Multi-colored	7	Colors include red, yellow, pink, and white; variable plant size and shape
Bright Yellow	Johnny's	5	4.5	36.0	Yellow/dark green	5	Variable plant size
Broad Stem Green	Seeds of Change	7	4.0	53.0	White/green	7	Cercospera damage
Silverado	Osborne	9	6.0	38.0	White/dark green	5	Very nice stems; very ruffled leaf

Planted June 23, 2000, Corvallis, OR.

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

# Tomatoes

Variety	Source	Maturity <sup>1</sup>	Overall Score	Vine Type <sup>2</sup>	Vine Size <sup>3</sup>	Fruit Length (cm)	Fruit Width (cm)	Fruit Shape <sup>4</sup>	Shoulder <sup>5</sup>	Uniformity	Cover	Yield	Notes <sup>6,7,8,9,10</sup>
<b>Slicing/Processing</b>													
Oregon Pride	Oregon State University	4	3	D	3	12.0	6.0	Elongate	UR	3	3	5	Similar to Oregon Star; slightly earlier and slightly smaller
Oregon Star	Oregon State University	4	5	D	5	6.5	10.5	Elongate	UR	3	3	5	Good flavor especially for processing type; solid multilocular fruit; long keeping

## Slicing

Abigail	Hazera	2	4	I	7	6.8	5.5	Globe	GS	7	7	7	Fair flavor
Agriset 761	Agrisales	3	3	D	7	8.0	9.0	Globe	GS	7	9	5	Radial cracks; zippers; bland flavor
Azafran	Johnny's	2	6	I	7	4.5	4.5	Globe	UR	7	7	7	Yellow truss tomato; good flavor
BHN 153	BHN Research 363	2	5	SD	7	7.0	8.5	Globe	GS	5	5	7	Some cracking; not as firm as BHN
BHN 358	BHN Research	3	6	D	7	7.0	8.5	Globe	UR	5	5	6	Rough fruit with zippers; fair flavor
BHN 359	BHN Research	2	7	D	5	7.5	6.5	Globe	UR	7	5	6	Radial cracking; good flavor
BHN 363	BHN Research	2	7	D	7	7.0	8.0	Globe	UR	9	5	9	Firm; sweet; low acid
BHN 377	BHN Research	4	5	D	7	6.0	8.5	Globe	UR	5	5	5	Good flavor
BHN 444	BHN Research	2	6	D	7	7.5	8.0	Globe	UR	7	7	7	Some zippers; fair flavor
BHN 446	BHN Research	2	5	SD	7	6.5	2.5	Globe	GS	3	7	5	Healthy vines; fair flavor; many small fruit

Transplants set out May 23, 2000, Corvallis, OR.

Scores based on 1–9 scale with 9 = best, except where noted below.

<sup>1</sup>Maturity scores based on 1–5 scale with 5 = earliest.

<sup>2</sup>Vine type: I = indeterminate, D = determinate, SD = semi-determinate.

<sup>3</sup>Scores based on 1–9 scale with 1 = most compact.

<sup>4</sup>Oblate = slightly flattened (as opposed to round)

<sup>5</sup>Shoulder: UR = uniform ripening, GS = green shoulder.

<sup>6</sup>Locules are the internal divisions in the fruit that form the seed cavities. Multilocular tomatoes have more than the usual three or four locules.

<sup>7</sup>Truss-type tomatoes, like cherry tomatoes, have many fruits on one stem. Truss-type tomatoes are larger than cherry types, however.

<sup>8</sup>Zippers are vertical scars on the fruit with some cross-hatching.

<sup>9</sup>Catfacing is unsightly scarring and distortion on the blossom end of the fruit.

<sup>10</sup>Free locules are knobs or protrusions from the fruit, occurring when a locule is not completely attached to the fruit. They are more prevalent in seedless (parthenocarpic) varieties.



# Tomatoes

Variety	Source	Maturity <sup>1</sup>	Overall Score	Vine Type <sup>2</sup>	Vine Size <sup>3</sup>	Fruit Length (cm)	Fruit Width (cm)	Fruit Shape <sup>4</sup>	Shoulder <sup>5</sup>	Uniformity	Cover	Yield	Notes <sup>6,7,8,9,10</sup>
<b>Slicing (continued)</b>													
Big Beef	Peto	3	7	I	7	5.5	8.5	Globe	GS	3	3	5	Good flavor, blend of acid and sugar
Bush Big Boy	Burpee	3	7	SD	7	7.0	7.5	Globe	UR	7	7	5	Some radial cracking; excellent, mild, sweet flavor; soft
Bush Sirloin	Peto	3	7	SD	5	8.5	7.0	Globe	UR	7	7	5	Very good flavor; firm
Carnival	Peto	3	4	I	7	7.5	6.5	Globe	GS	7	7	5	Fair flavor; cracking; zippers
Celebrity	Peto	3	4	SD	7	6.5	8.5	Slightly oblate globe	GS	3	7	7	Some fruit larger than 1 lb; bland flavor
Classy Lady	Sunseeds	4	5	D	5	6.5	8.5	Globe to oblate	UR	3	5	7	Some catfacing; some very large fruit; fair flavor
Equinox	Agrisales	2	6	D	5	7.0	9.0	Globe	UR	7	9	5	Firm fruit; very healthy
First Lady II	Territorial	3	9	I	7	6.0	8.0	Globe	GS	7	5	7	Very good flavor; smooth fruit
Francesca	Hazera	2	1	I	7	7.5	6.0	Globe	GS	3	7	5	Radial cracking; zippers; good flavor
Gold Dust	Johnny's	3	2	D	3	6.0	6.5	Globe	UR	3	1	7	Severe sunburn; firm fruit; bland
Jet Setter	Nichols	2	5	I	9	6.5	8.0	Globe	GS	5	7	7	Fair flavor; some cracking
Jet Star	Harris Moran	3	4	SD	7	6.5	8.5	Globe	GS	3	5	5	Soft fruit; fair flavor
Jubilee	Burpee	3	6	I	5	6.0	8.5	Globe	UR	7	7	5	Orange; fair flavor; blossom end rot and fruit spotting; rough
Legend	Oregon State University	4	7	D	4	6.0	8.0	Oblate	UR	5	7	6	Smoother fruit than Siletz with same concentrated set and tendency for seedless fruit

Transplants set out May 23, 2000, Corvallis, OR.

Scores based on 1–9 scale with 9 = best, except where noted below.

<sup>1</sup>Maturity scores based on 1–5 scale with 5 = earliest.

<sup>2</sup>Vine type: I = indeterminate, D = determinate, SD = semi-determinate.

<sup>3</sup>Scores based on 1–9 scale with 1 = most compact.

<sup>4</sup>Oblate = slightly flattened (as opposed to round)

<sup>5</sup>Shoulder: UR = uniform ripening, GS = green shoulder.

<sup>6</sup>Locules are the internal divisions in the fruit that form the seed cavities. Multilocular tomatoes have more than the usual three or four locules.

<sup>7</sup>Truss-type tomatoes, like cherry tomatoes, have many fruits on one stem. Truss-type tomatoes are larger than cherry types, however.

<sup>8</sup>Zippers are vertical scars on the fruit with some cross-hatching.

<sup>9</sup>Catfacing is unsightly scarring and distortion on the blossom end of the fruit.

<sup>10</sup>Free locules are knobs or protrusions from the fruit, occurring when a locule is not completely attached to the fruit. They are more prevalent in seedless (parthenocarpic) varieties.



# Tomatoes

Variety	Source	Maturity <sup>1</sup>	Overall Score	Vine Type <sup>2</sup>	Vine Size <sup>3</sup>	Fruit Length (cm)	Fruit Width (cm)	Fruit Shape <sup>4</sup>	Shoulder <sup>5</sup>	Uniformity	Cover	Yield	Notes <sup>6,7,8,9,10</sup>
<b>Slicing (continued)</b>													
Medford	Oregon State University	4	6	D	9	7.0	6.0	Globe	UR	7	5	5	Good flavor; medium firm fruit
Mountain Spring	Harris Moran	3	7	D	7	6.5	8.5	Globe	UR	6	7	7	Firm; fair flavor; spotting on fruit (bacterial?)
Octavio	Johnny's	2	5	I	9	5.0	6.5	Globe	UR	8	5	9	Truss-type tomato; blemish-free, very firm fruit; good flavor; tough skin
Oregon Spring	Oregon State University	4	4	D	5	7.5	6.5	Globe	GS	7	7	7	Concentrated early yield; strong tendency for seedless fruit; good flavor
Pik Red	Harris Moran	2	7	D	7	7.5	9.0	Globe	GS	5	5	7	Firm fruit; flavor sweet, not acid
R440	Zion	2	5	D	9	7.5	9.0	Globe	UR	7	5	7	Very firm
R494	Zion	1	5	D	7	6.5	9.5	Oblate	UR	5	3	5	Very firm; fair flavor; early blight symptoms
Santiam	Oregon State University	4	3	D	3	7.0	4.5	Globe	GS	5	3	7	Similar to Oregon Spring; slightly earlier and slightly smaller
Shady Lady	Sunseeds	3	4	D	7	7.0	8.0	Globe	UR	3	7	7	Fair flavor, acid but not sweet; cat-facing
Show Girl	Sunseeds	2	7	D	7	6.5	8.0	Globe	UR	5	7	7	Good flavor; some fruit spotting
Siletz	Oregon State University	4	5	D	5	6.5	8.5	Globe	GS	5	7	7	Many cracked fruit and protruding ovaries; concentrated early yield; strong tendency for seedless fruit

Transplants set out May 23, 2000, Corvallis, OR.

Scores based on 1–9 scale with 9 = best, except where noted below.

<sup>1</sup>Maturity scores based on 1–5 scale with 5 = earliest.

<sup>2</sup>Vine type: I = indeterminate, D = determinate, SD = semi-determinate.

<sup>3</sup>Scores based on 1–9 scale with 1 = most compact.

<sup>4</sup>Oblate = slightly flattened (as opposed to round)

<sup>5</sup>Shoulder: UR = uniform ripening, GS = green shoulder.

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<sup>9</sup>Catfacing is unsightly scarring and distortion on the blossom end of the fruit.

<sup>10</sup>Free locules are knobs or protrusions from the fruit, occurring when a locule is not completely attached to the fruit. They are more prevalent in seedless (parthenocarpic) varieties.



# Tomatoes

Variety	Source	Maturity <sup>1</sup>	Overall Score	Vine Type <sup>2</sup>	Vine Size <sup>3</sup>	Fruit Length (cm)	Fruit Width (cm)	Fruit Shape <sup>4</sup>	Shoulder <sup>5</sup>	Uniformity	Cover	Yield	Notes <sup>6,7,8,9,10</sup>
<b>Slicing (continued)</b>													
Solimar	Asgrow	3	6	D	9	9.0	7.5	Globe	GS	7	7	9	Zippers and free locules; fair flavor
Sun Leaper	Rogers	3	6	D	7	6.0	8.5	Oblate	UR	3	7	7	Fair flavor
Willamette	Oregon State University	4	4	D	7	6.0	7.0	Globe	UR	3	3	5	Productive; mild flavor

<b>Salad<sup>11</sup></b>													
Juliet	Known You	4	8	I	9	5.5	3.0	Oblong	GS	9	3	9	Good flavor, very sweet and slightly acid
Kootenai	Territorial	4	3	D	3	5.0	6.5	Globe	GS	3	5	7	Good flavor
New Hampshire Sure Crop	Territorial	5	5	D	3	4.5	4.5	Globe	GS	7	3	9	Fair flavor; soft fruit; some cracking; some sunburning
Oregon Eleven	Oregon State University	5	3	D	5	4.0	4.0	Globe	GS	7	3	5	Very early; strongly seedless; cracks badly; sweet
Stupice	Territorial	5	4	I	7	5.0	4.5	Globe	GS	3	5	7	Fair flavor
Thai Pink	Nichols	2	7	I	9	4.5	3.5	Elongate	GS	9	7	9	Pink; good flavor

Transplants set out May 23, 2000, Corvallis, OR.

Scores based on 1–9 scale with 9 = best, except where noted below.

<sup>1</sup>Maturity scores based on 1–5 scale with 5 = earliest.

<sup>2</sup>Vine type: I = indeterminate, D = determinate, SD = semi-determinate.

<sup>3</sup>Scores based on 1–9 scale with 1 = most compact.

<sup>4</sup>Oblate = slightly flattened (as opposed to round)

<sup>5</sup>Shoulder: UR = uniform ripening, GS = green shoulder.

<sup>6</sup>Locules are the internal divisions in the fruit that form the seed cavities. Multilocular tomatoes have more than the usual three or four locules.

<sup>7</sup>Truss-type tomatoes, like cherry tomatoes, have many fruits on one stem. Truss-type tomatoes are larger than cherry types, however.

<sup>8</sup>Zippers are vertical scars on the fruit with some cross-hatching.

<sup>9</sup>Catfacing is unsightly scarring and distortion on the blossom end of the fruit.

<sup>10</sup>Free locules are knobs or protrusions from the fruit, occurring when a locule is not completely attached to the fruit. They are more prevalent in seedless (parthenocarpic) varieties.

<sup>11</sup>Salad tomatoes are smaller than slicing types, but larger than cherry types.





# Tomatoes

Variety	Source	Maturity <sup>1</sup>	Overall Score	Vine Type <sup>2</sup>	Vine Size <sup>3</sup>	Fruit Length (cm)	Fruit Width (cm)	Fruit Shape <sup>4</sup>	Shoulder <sup>5</sup>	Uniformity	Cover	Yield	Notes <sup>6,7,8,9,10</sup>
<b>Processing</b>													
BHN 410	BHN Research	1	3	D	7	4.8	7.0	Elongate	UR	7	9	7	—
Cortez	Sunseeds	2	6	D	7	5.5	6.0	Elongate	UR	7	7	9	Fair flavor
Daiquiri	Vilmorin	3	5	D	7	9.0	5.0	Oblong	UR	9	5	7	Firm fruit; poor flavor
Grand Stand	Orsetti	2	7	D	5	7.0	5.5	Oblong	UR	9	5	9	—
Hypeel 45	Peto	2	6	D	7	5.0	7.0	Elongate	UR	7	7	9	Good flavor
Oroma	Oregon State University	4	9	D	7	4.0	9.0	Pear	UR	7	5	7	Good flavor; yield not as concentrated as Saucy; classic Roma shape
Red Agate	Johnny's	2	5	D	7	9.0	4.5	Pear	GS	7	5	5	Fair flavor; firm
Red Century 32	Orsetti	3	6	D	5	7.0	5.0	Elongate	UR	3	7	7	Fair flavor
Roma	Nichols	1	3	SD	9	4.0	6.5	Elongate	UR	7	7	9	Fair flavor
Saucy	Oregon State University	4	9	D	5	5.0	5.5	Elongate	UR	7	7	9	Concentrated yield of long-keeping fruit; thick walls; good flavor
Super Marzano	Peto	2	7	I	9	10.0	4.0	Elongate	GS	5	3	5	Best flavor of processing types
Viva Italia	Peto	2	5	D	7	4.5	7.0	Elongate	UR	7	9	2	Fair flavor
Yaqui	Peto	2	4	D	7	5.0	6.5	Elongate	UR	5	5	9	Bland flavor

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# Tomatoes

Variety	Source	Maturity <sup>1</sup>	Overall Score	Vine Type <sup>2</sup>	Vine Size <sup>3</sup>	Fruit Length (cm)	Fruit Width (cm)	Fruit Shape <sup>4</sup>	Shoulder <sup>5</sup>	Uniformity	Cover	Yield	Notes <sup>6,7,8,9,10</sup>
<b>Large cherry</b>													
Cherry Grande	Peto	4	6	SD	7	4.0	3.8	Globe	GS	9	9	9	Soft fruit; poor flavor
IPB	Oregon State University	5	8	I	7	4.5	4.0	Globe	GS	7	5	9	Good flavor; some cracking
Large German Cherry	Oregon State University	4	8	I	7	4.0	4.0	Globe	GS	7	7	7	Very good, sweet flavor; extended fruit set
Oregon Cherry	Oregon State University	5	8	D	5	3.5	3.5	Globe	GS	3	7	7	Good flavor
TM 759	Territorial	5	7	D	5	5.0	5.0	Globe	GS	7	3	7	Good flavor
<b>Cherry</b>													
Early Cherry	Territorial	5	6	D	5	3.5	4.0	Globe	GS	5	5	7	Good flavor
Gold Nugget	Oregon State University	5	7	D	7	3.0	2.8	Globe	GS	9	7	9	Extremely productive yellow cherry; strong tendency for seedless fruit; sweet
Sausalito Cocktail	Territorial	2	3	I	5	3.0	3.0	Globe	UR	3	3	7	Good, mild flavor
Sun Gold	Territorial	3	8	I	9	2.5	2.5	Globe	GS	9	5	9	Orange; very good flavor, sweet and citrusy; some cracking
Supersweet 100	Rogers	3	7	I	9	3.0	3.0	Globe	GS	9	3	9	Very sweet

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# Watermelons

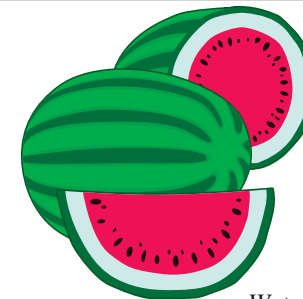
Variety	Source	Overall Score <sup>1</sup>	Brix <sup>2</sup>	Seed Color	Flesh Color	Rind Color	Fruit Length (cm)	Fruit Width (cm)	Disease <sup>3</sup>	Notes
ACX 810	Abbott & Cobb	4	11.5	Brown	Red	Green striped	37.0	20.5	9	Poor flavor
ACX 900	Abbott & Cobb	4	12.0	Brown	Red	Green striped	38.0	22.5	8	Cavity; small heart
ACX 910	Abbott & Cobb	6	13.0	Brown	Red	Green striped	40.0	22.0	8	Ringspot virus
Banner	Sunseeds	5	11.5	Seedless	Red	Green striped	30.5	19.0	8	Fair yield
Boston	Sunseeds	5	12.0	Seedless	Red	Green striped	19.0	18.5	7	—
Buttercup	Johnny's	6	12.0	Seedless	Yellow	Green striped	20.0	23.0	5	—
Carmen	Harris	7	10.0	Brown	Red	Green striped	28.5	25.0	7	Firm and sweet
Charleston Grey	Hollar	6	11.0	Brown	Red	Medium green mottle	41.0	19.0	7	Good flavor and texture
Constitution	Sunseeds	5	12.0	Seedless	Red	Green striped	23.0	21.0	4	A few seeds
Crimson Sweet	Johnny's	4	10.0	Black	Red	Green striped	25.0	24.0	6	—
Disko	Johnny's	4	12.0	Seedless	Red	Green striped	21.0	20.0	9	Cavity; wilt susceptible
Dulce Verde	D. Palmer	7	11.0	Seedless	Red	Green	24.5	21.0	5	—
Farmers Wonderful	Johnny's	4	12.0	Seedless	Red	Green striped	21.0	26.0	9	Good flavor
Freedom	Sunseeds	5	12.0	Seedless	Red	Green striped	26.0	22.0	7	Poor yield
Garden Baby	Territorial	6	13.0	Black	Red	Dark green	22.5	18.5	5	Compact vine; soft texture; cavity
Jade Star	Territorial	5	11.0	Black	Red	Green	24.0	23.5	8	—
Judo	Johnny's	6	12.0	Seedless	Red	Green striped	20.0	21.0	7	Cavity
Majesty	Seeds By Design	4	10.0	Brown	Red	Green striped	36.0	23.5	7	—
Millennium	Harris Moran	4	11.0	Seedless	Red	Green	20.0	18.5	9	—
Revolution	Sunseeds	3	12.0	Seedless	Red	Green striped	28.0	19.0	8	Variable shape
Royalty	Seeds By Design	5	11.5	Black	Red	Green striped	38.0	25.0	8	Variable fruit size; poor yield; cavity; good flavor and texture
Stars & Stripes	Asgrow	3	11.0	Black and white	Red	Green striped	33.0	21.5	7	Coarse flesh; cavity

Planted June 13, 2000, Corvallis, OR.

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

<sup>3</sup>Scores based on 1–9 scale with 9 = severe (primary pathogen was angular leaf spot).



Watermelons

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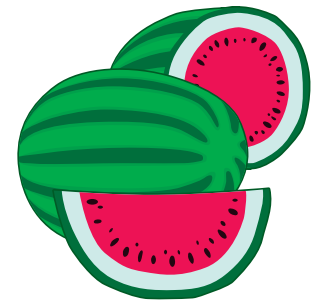
Variety	Source	Overall Score <sup>1</sup>	Brix <sup>2</sup>	Seed Color	Flesh Color	Rind Color	Fruit Length (cm)	Fruit Width (cm)	Disease <sup>3</sup>	Notes
Sugar Baby	Territorial	4	10.5	Black	Pale red	Dark green	23.0	20.0	9	Early; ringspot virus
Sweet Amigo	D. Palmer	4	11.0	Brown	Red	Green striped	36.0	24.0	8	Poor yield
Tiger Baby	Nichols	8	12.0	Brown	Red	Green striped	22.0	20.0	1	Dense, crisp, sweet flesh; late
Treasure Chest	Rupp	3	10.0	Seedless	Yellow	Green striped	18.5	21.5	7	—
Triple Crown	Rupp	4	11.5	Seedless	Red	Green striped	26.0	23.0	9	Crisp texture; good yield
Triple Prize	Rupp	4	11.0	Seedless	Red	Green striped	22.0	20.5	8	Coarse texture; fair flavor; cavity
Triple Star	Rupp	6	12.0	Seedless	Red	Green striped	23.0	23.0	5	Crisp flesh; fair flavor
Triple Star	Seeds By Design	4	11.5	Seedless	Red	Green striped	23.0	20.0	8	—
Winter King & Queen	Nichols	5	8.5	Black	Red	Pale green	17.0	20.0	7	Coarse texture
Yellow Doll	Harris	4	11.0	Black	Pale yellow	Green striped	19.0	18.5	7	Cavity
Yellow Sunshine	Johnny's	6	12.0	Black	Yellow	Green striped	23.0	21.0	5	Coarse texture

Planted June 13, 2000, Corvallis, OR.

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Watermelons