

Vegetable Variety Trials, 2017

EM 8777-10 · Revised May 2018



Oregon State
University





Photo: Brooke Edmunds, © Oregon State University Extension Service

Production Notes

Varieties of several kinds of vegetables were grown and evaluated in conjunction with breeding programs at the Oregon State University vegetable farm in Corvallis, Oregon.[†] Unless otherwise noted, plots were 10 to 20 feet long, with 30 inches between rows, and received about 450 lb/acre (about 10 lb/1,000 ft²) of 12-29-10-10 (N-P-K-S) 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. Market growers and home gardeners may be able to use the information from these trials to help them choose adapted varieties that have qualities that are important to them (appearance, earliness, flavor, yield, disease resistance, etc.).

For information on fertilization, cultural practices, pest and disease control, and harvest and storage of specific crops, see <http://oregonvegetables.com>.

More information on specific crops, garden planning, site preparation, and related topics is available in various Oregon State University Extension publications. Visit: <https://catalog.extension.oregonstate.edu>

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

Sources of Varieties

Adaptive Seeds; 25079 Brush Creek Rd, Sweet Home, OR 97386; (541) 367-1105; <https://www.adaptiveseeds.com/>
 Baker Creek Heirloom Seed Co.; 2278 Baker Creek Rd., Mansfield, MO 65704; 417-924-8917; <http://rareseeds.com>
 *Bejo Seeds; 1972 Silver Spur Pl., Oceanside, CA 93445; 805-473-2199; www.bejoseeds.com
 W. Atlee Burpee & Co.; 300 Park Ave, Warminster, PA 18974; 800-888-1447; <https://www.burpee.com/>
 Cottage Gardener Heirloom Seedhouse, 4199 Gilmore Rd., Newtonville, ON Canada L0A 1J0; 905-786-2388; <https://www.cottagegardener.com/>
 Experimental Farm Network; <https://store.experimentalfarmnetwork.org/>
 High Mowing Organic Seeds; 76 Quarry Rd., Wolcott, VT 05680; 802-472-6174; www.highmowingseeds.com
 Johnny's Selected Seeds; 955 Benton Ave., Winslow, ME 04901-2601; 1-877-564-6697; www.johnnyseeds.com
 Kitazawa Seed Co.; 201 4th Street, #206, Oakland, CA 94607; 510-595-1188; <https://www.kitazawaseed.com/>
 *Loghouse Plants, 78185 Rat Creek Rd, Cottage Grove, OR 97424; 541-942-2288; <http://loghouseplants.com/plants/>
 New Mexico State University Chile Pepper Institute, Gerald Thomas Hall, Room 265, 945 College Ave, Las Cruces, NM 88003; 575-646-3028; <https://chile.nmsu.edu/>
 Nichols Garden Nursery; 1190 Old Salem Rd. NE, Albany, OR 97321; 800-422-3985; www.nicholsgardennursery.com
 Oregon State University, J.R. Myers, Dept. of Horticulture; ALS 4017, Corvallis, OR 97331-7304; 541-737-3083; james.myers@oregonstate.edu
 *Osborne International Seed Co.; 2428 Old Hwy. 99 S., Mount Vernon, WA 98273; 360-424-7333; www.osborneseed.com
 Pingo Farm; 999 Maura St., Fairbanks, AK 99709; 907-479-7977
 Refining Fire Chiles; San Diego, CA; 619-504-9777; <http://www.superhotchiles.com/>
 *Rupp Seeds Inc.; 17919 County Rd. B, Wauseon, OH 43567-9458; 800-700-1199; www.ruppseeds.com
 Salt of the Earth Seed Co., P.O. Box 226 Mattituck, NY 11952; <http://www.northforkseeds.com/>
 Seeds of Change; P.O. Box 15700, Santa Fe, NM 87592-1500; 888-762-7333; www.seedsofchange.com
 Seed Savers Exchange; 3094 North Winn Road, Decorah, Iowa 52101; 563-382-5990; www.seed savers.org
 *Seminis Vegetable Seeds; 800 N. Lindbergh Blvd., St. Louis, MO 63167; 314-694-1000; <http://us.seminis.com>
 Southern Exposure Seed Exchange; P.O. Box 460, Mineral, VA 23117; 540-894-9480; <http://www.southernexposure.com/>
 Stokes Seeds, PO Box 548, Buffalo NY 14240-0548 USA; 800-396-9238; <https://www.stokeseeds.com/>
 *Syngenta Vegetable Seeds. <http://www.syngenta-us.com/crops/vegetabledetails>
 Territorial Seed Company; P.O. Box 158, Cottage Grove, OR 97424-0061; 800-626-0866; www.territorialseed.com
 *Vitalis Organic Seeds; 7 Harris Place, Salinas, CA 93901 USA; 831-751-0937; <http://usa.vitalisorganic.com/>
 Wild Garden Seed; P.O. Box 1509, Philomath, OR 97370; 541-929-4068; <https://www.wildgardenseed.com/>

*Wholesale only

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Cabbage

Variety	Source	Species	Type ²	Head Height (cm)	Head Width (cm)	Core Length (cm)	Internal Color	External Color	Head Density ³	Uniformity ³	Overall Score ³	Notes
Bronco	Bejo	<i>Brassica oleracea</i> var. <i>capitata</i>	fresh market (green)	16	21	8	yellow-green	green	9	7	7	
Farao	Bejo	<i>Brassica oleracea</i> var. <i>capitata</i>	fresh market (green)	17	16	7.5	yellow-green	green	9	7	7	Sweet flavor.
Katarina	Bejo	<i>Brassica oleracea</i> var. <i>capitata</i>	fresh market (green)	17	16.5	6.5	yellow-green	yellow-green	9	7	7	
Cairo	Bejo	<i>Brassica oleracea</i> var. <i>capitata</i>	fresh market (purple)	17	18	6	reddish-purple	purple	7	7	7	
Integro	Bejo	<i>Brassica oleracea</i> var. <i>capitata</i>	fresh market (purple)	15.5	14	6.5	reddish-purple	purple	9	7	9	Some thicker leaves/ribs inside the head.
Kosaro	Bejo	<i>Brassica oleracea</i> var. <i>capitata</i>	fresh market (purple)	15	15	5.5	purple	purple	7	7	7	Fewer thick leaves/ribs inside head than Integra.
Melissa	Bejo	<i>Brassica oleracea</i> var. <i>capitata</i>	savoy	13.5	14.5	6.5	yellow-green	green	7	5	7	
Caraflex	Bejo	<i>Brassica oleracea</i> var. <i>capitata</i>	Wakefield	27	18	9	white-green	green	5	9	9	Good flavor.
Murdoc	Bejo	<i>Brassica oleracea</i> var. <i>capitata</i>	Wakefield	50	27	8	yellow-green	yellow-green	7	7	7	Very large heads.

¹Transplanted on 7/28/17 and evaluated in late October (10/24 or 10/30)

²fresh market: most common type sold for fresh consumption; Wakefield: conical in shape; savoy: round, compact head with crinkled and curled leaves

³Scores based on a 1-9 scale, 9=best, most dense, or most uniform.

Pepper¹

Variety	Source	Species	Type	First Ripe (Days after Transplant)	Immature Color	Mature Color	Fruit Length (cm)	Fruit Width (cm)	Plant Height (cm)	Plant Width (cm)	Flesh Thickness (mm)	Sunscald ²	Yield ³	Overall ³	Notes
Aji Amarillo	Refining Fire Chiles	<i>Capsicum baccatum</i>	Aji	-	green	-	15.2	2.8	83.8	91.4	5.6	1	5	-	No ripe fruit by end of the trial.
Aji Panca	Refining Fire Chiles	<i>Capsicum annuum</i>	Aji	-	green	-	13.0	4.1	87.6	74.9	2.8	1	5	7	No ripe fruit by end of trial. Fragile plants that break easily.
Aji Pineapple	Refining Fire Chiles	<i>Capsicum baccatum</i>	Aji	119	medium green	yellow	7.4	1.8	88.9	101.6	2.8	1	7	5	Large plant that breaks easily. Fruit has off-taste (described as motor oil).
Sugar Rush Peach	Refining Fire Chiles	<i>Capsicum baccatum</i>	Aji	94	wax	orange	6.6	2.8	71.1	86.4	2.0	1	7	7	
Aji Dulce Seattle	OSU	<i>Capsicum chinense</i>	Aji Dulce	119	light green	red	5.3	3.8	71.1	91.4	2.8	1	5	5	Variable fruit size. Plants prone to lodging (falling over).
Anaheim College 64	Territorial	<i>Capsicum annuum</i>	Anaheim	94	green	red	15.0	2.8	64.8	71.1	5.1	1	7	7	Plants break easily. Sweet & fruity tasting.
Highlander	Johnny's Selected Seeds	<i>Capsicum annuum</i>	Anaheim	100	green	red	17.8	4.6	67.3	68.6	5.1	1	7	7	Fruity flavor; low heat; crisp skin; no bitterness.
Ancho	Burpee	<i>Capsicum annuum</i>	Ancho	119	dark green	red	11.4	6.6	78.7	73.7	5.6	1	7	7	
Huizache	Seminis	<i>Capsicum annuum</i>	Ancho	125	dark green	-	13.2	6.4	68.6	55.9	3.0	1	7	7	Plants prone to lodging (falling over). Fruit: 'green' tasting; juicy.
Tiburon	Johnny's Selected Seeds	<i>Capsicum annuum</i>	Ancho	119	dark green	-	12.2	7.4	82.6	71.1	5.1	1	7	7	Some plant breakage noted.
Ace	Johnny's Selected Seeds	<i>Capsicum annuum</i>	Bell	85	green	red	11.9	9.0	40.6	45.7	5.1	3	7	7	Not bitter; good flavor.
Bianca	Vitalis	<i>Capsicum annuum</i>	Bell	100	wax yellow	orange/red	8.6	9.7	45.7	53.3	7.6	1	7	5	
Bull Nose	Seed Savers Exchange	<i>Capsicum annuum</i>	Bell	85	green	red	7.9	7.9	38.1	45.7	7.6	3	5	5	Thick flesh but crispy skin. Sweet flavor, best when fully ripe.

¹Transplanted on 5/30/17

²Sunscald of fruit. Scores based on a 1-9 scale; 1 = least sunscald, 9 = severe.

³Scores based on a 1-9 scale; 9 = best/highest.

Pepper¹

Variety	Source	Species	Type	First Ripe (Days after Transplant)	Immature Color	Mature Color	Fruit Length (cm)	Fruit Width (cm)	Plant Height (cm)	Plant Width (cm)	Flesh Thickness (mm)	Sunscald ²	Yield ³	Overall ³	Notes
California Wonder 300	Territorial	<i>Capsicum annuum</i>	Bell	85	green	red	8.9	8.4	38.1	45.7	6.4	5	5	5	Thick skinned fruit. Okay flavor, slightly bitter. Minimal stunting (plant) noted.
Flavorburst	Bejo	<i>Capsicum annuum</i>	Bell	94	wax yellow	orange	13.0	8.1	41.9	45.7	8.4	3	7	7	Taste is good, sweet. Thinner skinned.
Gourmet	Johnny's Selected Seeds	<i>Capsicum annuum</i>	Bell	65	green	orange	8.6	10.9	35.6	39.4	6.4	3	7	5	Bland flavor; juicy texture.
Islander	Johnny's Selected Seeds	<i>Capsicum annuum</i>	Bell	94	purple	orange w/ purple	11.9	8.6	43.2	57.2	5.1	1	7	5	Fruity flavor. Some minimal fruit decay noted.
King Crimson	High Mowing	<i>Capsicum annuum</i>	Bell	85	green	red	10.7	7.4	39.4	40.6	5.1	7	5	7	Variable fruit shape (traditional bell and others longer); good flavor.
Nikita	Territorial	<i>Capsicum annuum</i>	Bell	94	wax yellow	orange	9.4	9.7	52.1	71.1	6.4	1	7	7	Mild fruity flavor. Juicy texture.
Olympus	Vitalis	<i>Capsicum annuum</i>	Bell	100	green	red	10.7	10.9	55.9	63.5	8.4	1	7	7	Juicy, crisp skin texture. Fruity and sweet with mild pepper flavor.
Purple Beauty	High Mowing	<i>Capsicum annuum</i>	Bell	100	purple	red	8.1	10.2	33.0	45.7	7.6	3	7	7	Some fruit decay noted. Fruit is thick-skinned and can be bitter.
Turbine	Bejo	<i>Capsicum annuum</i>	Bell	85	light green	orange	11.9	8.4	40.6	53.3	8.4	1	7	7	Thick skin.
Whitney	Bejo	<i>Capsicum annuum</i>	Bell	85	wax yellow	red	13.2	6.4	57.2	64.8	8.9	1	7	7	Thick skin. Plants prone to lodging (falling over).
Fushumi	Kitazawa Seed	<i>Capsicum annuum</i>	Cayenne	100	green	red	16.5	2.0	63.5	63.5	2.5	1	7	5	Tough skin. Flavor okay, not hot.
Takanotsume	Kitazawa Seed	<i>Capsicum annuum</i>	Cayenne	107	green	red	6.6	1.0	50.8	63.5	2.3	1	7	7	Variable fruit size. Late ripening.
Tangerine	OSU	<i>Capsicum annuum</i>	Cheese	94	green	orange	4.6	0.3	43.2	54.6	5.1	1	5	7	Variable fruit size. Okay flavor with a little heat.

¹Transplanted on 5/30/17

²Sunscald of fruit. Scores based on a 1-9 scale; 1 = least sunscald, 9 = severe.

³Scores based on a 1-9 scale; 9 = best/highest.

Pepper¹

Variety	Source	Species	Type	First Ripe (Days after Transplant)	Immature Color	Mature Color	Fruit Length (cm)	Fruit Width (cm)	Plant Height (cm)	Plant Width (cm)	Flesh Thick- ness (mm)	Sunscald ²	Yield ³	Overall ³	Notes
Round of Hungary	Johnny's Selected Seeds	<i>Capsicum annuum</i>	Cheese	94	green	red	3.6	5.8	44.5	49.5	3.0	1	7	7	Variable fruit size. Blossom end rot noted. Fruity flavor.
Padron	Johnny's Selected Seeds	<i>Capsicum annuum</i>	Drying pepper	85	green	red	8.1	4.1	17.8	63.5	2.5	1	7	7	Fruit flavor; not hot.
Urfa Biber	Refining Fire Chiles	<i>Capsicum annuum</i>	Drying pepper	119	green	red	10.7	5.8	66.0	63.5	2.8	3	5	5	Fragile plants that break easily. Fruity flavor.
Hot Paper Lantern	Johnny's Selected Seeds	<i>Capsicum chinense</i>	Habanero	100	green	red	8.6	2.5	76.2	101.6	0.3	1	7	7	
Ghost	OSU	<i>Capsicum chinense</i>	Habanero	107	green	red	5.1	1.8	67.3	73.7	2.8	1	7	7	
Capperino	Johnny's Selected Seeds	<i>Capsicum annuum</i>	Hot round	85	green	red	3.8	4.8	39.4	71.1	10.2	3	7	7	
Fireball	Territorial	<i>Capsicum annuum</i>	Hot round	94	green	red/ purple	3.3	4.1	45.7	73.7	5.8	1	7	7	Some plant damage (unidentified).
Budapest	Rupp	<i>Capsicum annuum</i>	Hungarian wax	107	light green	red	12.2	3.0	53.3	61.0	2.8	1	7	7	
Hungarian Hot Wax	Johnny's Selected Seeds	<i>Capsicum annuum</i>	Hungarian wax	94	wax	red	13.0	3.8	52.1	62.2	5.1	1	9	7	
Bella Italia	Wild Garden Seed	<i>Capsicum annuum</i>	Italian	100	green	red	15.2	15.0	66.0	55.9	2.5	1	7	9	Thinner walled, smooth texture. Sweet.
Carmen	Johnny's Selected Seeds	<i>Capsicum annuum</i>	Italian	94	green	red	18.4	5.3	55.9	53.3	5.1	5	7	9	Great flavor: sweet with juicy texture. Blossom end rot noted.

¹Transplanted on 5/30/17

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³Scores based on a 1-9 scale; 9 = best/highest.

Pepper¹

Variety	Source	Species	Type	First Ripe (Days after Transplant)	Immature Color	Mature Color	Fruit Length (cm)	Fruit Width (cm)	Plant Height (cm)	Plant Width (cm)	Flesh Thickness (mm)	Sunscald ²	Yield ³	Overall ³	Notes
Cornito Giallo	Johnny's Selected Seeds	<i>Capsicum annuum</i>	Italian	85	green	orange	15.7	4.8	68.6	55.9	5.3	1	7	5	Thick skin.
Cornito Rosso	Johnny's Selected Seeds	<i>Capsicum annuum</i>	Italian	85	light green	red	13.2	5.1	64.8	67.3	5.1	3	7	9	Good fresh eater: juicy texture, fruity flavor. Blossom end rot noted. Plants prone to lodging (falling over).
Gather's Gold Sweet Italian	Wild Garden Seed	<i>Capsicum annuum</i>	Italian	85	green	orange	21.1	4.8	63.5	69.9	2.8	1	7	7	Fruity, sweet flavor. Slow to ripen.
Stocky Red Roaster	Wild Garden Seed	<i>Capsicum annuum</i>	Italian	94	green	red	15.2	0.3	63.5	61.0	5.1	1	7	9	Good flavor, slightly sweet.
Conchos	Johnny's Selected Seeds	<i>Capsicum annuum</i>	Jalapeño	97	dark green	red	9.9	4.3	61.0	71.1	5.6	1	5	5	Juicy texture. Fruity flavor.
Felicity	Johnny's Selected Seeds	<i>Capsicum annuum</i>	Jalapeño	100	green	red	14.5	3.6	61.0	71.1	8.1	1	5	5	Juicy texture. Seedy. Vertical cracks on skin. Plants prone to lodging (falling over).
Grenada Seasoning	Refining Fire Chiles	<i>Capsicum annuum</i>	Mild habañoero	125	green	yellow	6.9	3.6	72.4	72.4	2.8	1	5	7	Very late ripening. Large plants. More heat than other mild habaneros.
Numex Sauve Orange	NMSU	<i>Capsicum chinense</i>	Mild habañoero	100	green	light orange	6.9	3.8	73.7	73.7	2.8	1	7	5	Large plants. Off-flavor, some heat.
Zavory	Burpee	<i>Capsicum chinense</i>	Mild habañoero	119	green	red	5.8	2.5	45.7	45.7	2.8	1	3	5	Minimal fruit.
Trinidad Perfume	Southern Exposure Seed Exchange	<i>Capsicum chinense</i>	Mild habañoero	100	green	yellow	5.1	4.3	53.3	53.3	0.3	1	5	5	Off-flavor (bitter). Little bit of heat, fruity flavor.

¹Transplanted on 5/30/17

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Pepper¹

Variety	Source	Species	Type	First Ripe (Days after Transplant)	Immature Color	Mature Color	Fruit Length (cm)	Fruit Width (cm)	Plant Height (cm)	Plant Width (cm)	Flesh Thickness (mm)	Sunscald ²	Yield ³	Overall ³	Notes
Zavory	Southern Exposure Seed Exchange	<i>Capsicum chinense</i>	Mild habañoero	119	green	red	5.8	2.8	55.9	59.7	2.8	1	5	5	Juicy texture. Fruity, bitter flavor.
Lunchbox Orange	Johnny's Selected Seeds	<i>Capsicum annuum</i>	Minature bell	85	green	orange	7.9	1.5	71.1	63.5	5.3	1	7	5	Slower to ripen. Off flavor (needs more time to fully ripen?); fruity.
Petit Marseillars	Refining Fire Chiles	<i>Capsicum annuum</i>	Minature bell	65	green	orange	6.6	6.6	58.4	68.6	3.3	1	7	7	
Marbles	OSU	<i>Capsicum annuum</i>	Ornamental	85	purple	red	1.5	1.5	27.9	35.6	22.9	1	7	7	
Riot	OSU	<i>Capsicum annuum</i>	Ornamental	94	wax yellow	red	7.6	0.8	25.4	40.6	1.3	1	7	7	Fruity flavor. Some minimal fruit decay noted.
Aleppo 37	Refining Fire Chiles	<i>Capsicum annuum</i>	Pimento	85	green w/ purple	red	7.9	3.6	63.5	61.0	3.0	1	7	7	
Alma Paprika	The Cottage Gardener	<i>Capsicum annuum</i>	Pimento	85	wax green	orange	4.6	6.9	71.1	48.3	10.2	1	7	7	Better for drying. Good flavor.
Elephant Ears	Refining Fire Chiles	<i>Capsicum annuum</i>	Pimento	85	green	red	14.5	9.1	39.4	45.7	8.4	5	5	5	Thick skin. Bland flavor.
Beaver Dam	Territorial	<i>Capsicum annuum</i>	Pointed bell	85	wax w/ purplish blush	red	14.7	6.4	68.6	78.7	5.3	3	7	7	Plants prone to lodging (falling over).
Gypsy	Osborne Seed	<i>Capsicum annuum</i>	Pointed bell	94	wax yellow	red	14.2	7.6	22.9	53.3	7.1	3	7	5	Bland.
Gypsy Queens	Adaptive Seeds	<i>Capsicum annuum</i>	Pointed bell	94	wax yellow	red	10.4	6.4	45.7	58.4	5.8	1	7	5	Heavy fruit set—may need staking. Softer textured fruit (not as crisp).
Oranos	Vitalis	<i>Capsicum annuum</i>	Pointed bell	85	green	orange	15.5	4.1	66.0	68.6	2.5	1	5	7	Okay flavor, a little sweet. Plants prone to lodging (falling over).

¹Transplanted on 5/30/17

²Sunscald of fruit. Scores based on a 1-9 scale; 1 = least sunscald, 9 = severe.

³Scores based on a 1-9 scale; 9 = best/highest.

Pepper¹

Variety	Source	Species	Type	First Ripe (Days after Transplant)	Immature Color	Mature Color	Fruit Length (cm)	Fruit Width (cm)	Plant Height (cm)	Plant Width (cm)	Flesh Thickness (mm)	Sunscald ²	Yield ³	Overall ³	Notes
Sweet Chocolate	Johnny's Selected Seeds	<i>Capsicum annuum</i>	Pointed bell	94	green	purple/red	11.2	6.9	50.8	53.3	5.1	1	7	5	Good flavor.
Hot Rod	Johnny's Selected Seeds	<i>Capsicum annuum</i>	Serrano	94	green	red	7.9	1.5	76.2	53.3	2.5	1	7	5	Heavy fruit set—may need staking. Foliage issue (unknown cause).
Lady Hermit	Kitazawa Seed	<i>Capsicum annuum</i>	Shishito	100	green	red	6.4	2.5	73.7	71.1	0.3	1	5	7	Juicy texture. Flavor: bitter, hot. Fragile plants that break easily, prone to lodging (falling over).
Shishito	Kitazawa Seed	<i>Capsicum annuum</i>	Shishito	94	light green	red	10.2	2.5	54.6	61.0	0.3	1	7	7	Tough skinned fruit. Plant dieback; prone to lodging (falling over).
Bangkok	Johnny's Selected Seeds	<i>Capsicum annuum</i>	Thai chile	100	green	red	7.9	0.8	68.6	91.4	1.3	1	7	7	
Kilian	Johnny's Selected Seeds	<i>Capsicum annuum</i>	Thai chile	85	green	orange	7.6	1.0	39.4	61.0	22.9	1	7	7	Variable fruit size.

¹Transplanted on 5/30/17



Photo: Jason Mekeel

Pumpkin and Ornamental Gourd¹

Variety	Source	Species	Type	Fruit Height (cm)	Fruit Width (cm)	Skin color	Yield*	Plant Vigor*	Habit	Powdery Mildew Resistance*	Overall Score*	Notes
White Cushaw	Johnny's Selected Seeds	<i>Cucurbita mixta</i>	Cushaw pumpkin	66	11	white	9	7	vine	1	7	Some cracking and decay in field/over mature?
Big Moose	Johnny's Selected Seeds	<i>Cucurbita maxima</i>	Giant Pumpkin	49	63	red-orange with creamy orange stripe	5	7	vine	7	7	Variable size.
Dill's Atlantic Giant	Johnny's Selected Seeds	<i>Cucurbita maxima</i>	Giant Pumpkin	60	53	creamy orange with mottles/speckles	9	5	vine	5	7	Some decayed.
Dill's Atlantic Giant	Territorial	<i>Cucurbita maxima</i>	Giant Pumpkin	60	53	creamy orange with mottles/speckles	9	5	vine	1	7	Some ridges and stripes
Full Moon	Territorial	<i>Cucurbita maxima</i>	Giant Pumpkin	52	54	white	7	7	vine	3	7	
Cargo	Johnny's Selected Seeds	<i>Cucurbita pepo</i>	Jack-O-Lantern	34	34	orange	9	9	vine	3	9	Some late ripening.
Howden	Johnny's Selected Seeds	<i>Cucurbita pepo</i>	Jack-O-Lantern	32	40	orange	9	7	vine	5	7	Traditional jack-o-lantern.
Wolf	Johnny's Selected Seeds	<i>Cucurbita pepo</i>	Jack-O-Lantern	26	30	orange	7	7	vine	7	7	Very large green handles (stems).
Bottle Gourd Giant	Kitazawa Seed Co	<i>Lagenaria siceraria</i>	Ornamental Gourd	31	15	light green w/ speckle	7	7	vine	3	7	Some decay noted (may have been over mature). Long vines (would need a large growing area).
Daisy Gourd	Johnny's Selected Seeds	<i>Cucurbita pepo</i>	Ornamental Gourd	-	-	variable	9	7	vine	3	9	3+ phenotypes (shapes); interesting ornamental value.
Harrowsmith Select	Johnny's Selected Seeds	<i>Cucurbita pepo</i>	Ornamental Gourd	-	-	variable	9	9	vine	5	9	6 different phenotypes (shapes); very high production/yield.
Lunch Lady	Johnny's Selected Seeds	<i>Cucurbita pepo</i>	Ornamental Gourd	24	23	variable: orange or green; smooth or warty	9	7	vine	7	9	Warty surface.

* Scores based on a 1-9 scale, 9=best.

¹Direct seeded on 5/25/17

Pumpkin and Ornamental Gourd¹

Variety	Source	Species	Type	Fruit Height (cm)	Fruit Width (cm)	Skin color	Yield*	Plant Vigor*	Habit	Powdery Mildew Resistance*	Overall Score*	Notes
Ornamental Gourds	Johnny's Selected Seeds	<i>Cucurbita pepo</i>	Ornamental Gourd	-	-	variable	9	9	vine	1	7	3+ phenotypes (shapes).
Speckled Swan	Johnny's Selected Seeds	<i>Lagenaria siceraria</i>	Ornamental Gourd	28	9	green w/ light green mottle	9	9	vine	3	9	Very long vines (would need a large growing area).
Blaze	Johnny's Selected Seeds	<i>Cucurbita pepo</i>	Ornamental/ Specialty Pumpkin	14	18	yellow w/ mottle orange stripes	9	7	semi-vine	7	9	
Casperita	Johnny's Selected Seeds	<i>Cucurbita pepo</i>	Ornamental/ Specialty Pumpkin	8	13	white	9	5	vine	3	7	
Jack Be Little	Territorial	<i>Cucurbita pepo</i>	Ornamental/ Specialty Pumpkin	5	11	orange	9	9	vine	3	7	
Lil' Pump-Ke-Mon	Territorial	<i>Cucurbita pepo</i>	Ornamental/ Specialty Pumpkin	7	12	white w/ orange stripes & mottle	9	9	semi-vine	7	9	
Porcelain Doll	Johnny's Selected Seeds	<i>Cucurbita maxima</i>	Ornamental/ Specialty Pumpkin	23	34	pink-tan	9	9	vine	5	7	
Rouge Vif D'Etampes	Johnny's Selected Seeds	<i>Cucurbita maxima</i>	Ornamental/ Specialty Pumpkin	7	37	red-orange	9	7	vine	1	9	Long vines (would need a large growing area).
Speckled Hound	Johnny's Selected Seeds	<i>Cucurbita maxima</i>	Ornamental/ Specialty Pumpkin	14	24	orange w/ green splotch	9	9	semi-vine	5	9	Some fruit decay noted.

* Scores based on a 1-9 scale, 9=best.

¹Direct seeded on 5/25/17

Squash, Winter¹

Variety	Source	Species	Type	Fruit Height (cm)	Fruit Width (cm)	Skin color	Flesh Color	Yield ²	Plant Vigor ²	Habit	Overall Score ²	Cultivar Type ³	Notes
Table Queen	Baker Creek	<i>Cucurbita pepo</i>	Acorn	15	11.5	dark green	yellow-orange	5	9	semi-vine	1	7	Some variability in fruit size.
Jet	Johnny's Selected Seeds	<i>Cucurbita pepo</i>	Acorn	17	13.5	dark green	orange	5	9	semi-vine	1	7	
Candystick	Adaptive Seeds	<i>Cucurbita pepo</i>	Delicata	22.5	9	tan w/ green stripe	orange-yellow	7	9	vine	1	7	Some variability in fruit shape.
Honey Boat	OSU	<i>Cucurbita pepo</i>	Delicata	24	8	tan w/ green stripe	orange-yellow	7	9	vine	1	9	
JS Delicata	Johnny's Selected Seeds	<i>Cucurbita pepo</i>	Delicata	20	7	yellow/tan w/ green stripe	yellow-orange	7	9	vine	1	9	
Sugar Loaf	OSU	<i>Cucurbita pepo</i>	Delicata	14	10	tan w/ green stripe	light orange	7	9	vine	1	9	
OSU19	OSU	<i>Cucurbita pepo</i>	Delicata/Acorn	10	11	tan w/ green stripe	orange-yellow	7	9	vine	1	7	Acorn shape with Delicata coloring.
Spaghetti Squash	Johnny's Selected Seeds	<i>Cucurbita pepo</i>	Spaghetti Squash	24	16	yellow	-	9	5	vine	3	7	Large fruit.
Small Wonder	Territorial	<i>Cucurbita pepo</i>	Spaghetti Squash	14	11	yellow-orange	-	9	7	vine	3	7	Great yield.

¹*Scores based on a 1-9 scale, 9 = highest.

Direct seeded on 5/25/17

Tomato¹

Variety	Source	Type	First Ripe (Days after Trans-planting)	Vine Type ²	Shoulder ³	Fruit Height (cm)	Fruit Width (cm)	Fruit color	Leaf cover ⁴	Sunburn ⁵	Leaf curl ⁶	Yield ⁷	Flavor notes	Overall Score ⁷	Notes
Blue Pitts	Salt of the Earth	Cherry	68	I	Purple	3.6	3.9	red	7	1	1	7	sweet; juicy	7	Fruit colors are appealing and unusual
Blue Tears	Salt of the Earth	Cherry	68	I	GS	3.6	3.6	red	7	1	0	7	good; thick walls; sweet	7	Not much purple color to fruit.
Brown Berry	The Cottage Gardener	Cherry	88	I	GS	2.7	2.9	red-brown	7	1	0	5	sweet; acid	7	Powdery mildew present. Many unripe fruit into September.
Fahrenheit Blues	Salt of the Earth	Cherry	68	I	striped	3.0	3.2	red	7	1	1	7	bland with thick skin	7	
Gold Nugget	OSU	Cherry	62	D	GS	2.9	2.5	yellow	7	1	2	7	bland; thick walls	5	Leaf dieback later in growing season.
Indigo Cherry Drops	OSU	Cherry	74	I	purple	3.0	3.8	red	7	1	1	7	initially sour but gets sweeter	5	
Large German Cherry	OSU	Cherry	74	I	GS	3.9	4.3	red	7	3	0	5	acidic; bland; mushy texture; juicy	3	Vine dieback.
Oregon Cherry	OSU	Cherry	61	D	GS	3.5	3.0	red	5	5	2	7	acidic; thick skin	5	Fruit splitting; vine dieback; leaf chlorosis.
Sun Gold	Johnny's Selected Seeds	Cherry	68	I	GS	2.8	3.2	orange	7	1	0	7	sweet fruit-like	9	Some vine issues (unknown disorder).
Tidy Treats	Territorial	Cherry	68	I	GS	2.5	2.5	red	5	1	0	7	sweet; juicy; thick skin	7	
White Currant	Territorial	Cherry	74	I	GS	1.7	2.5	pale yellow	9	1	0	7	sweet; off-taste?	7	

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Tomato¹

Variety	Source	Type	First Ripe (Days after Trans-planting)	Vine Type ²	Shoulder ³	Fruit Height (cm)	Fruit Width (cm)	Fruit color	Leaf cover ⁴	Sunburn ⁵	Leaf curl ⁶	Yield ⁷	Flavor notes	Overall Score ⁷	Notes
Oregon Pride	OSU	Dual	68	D	UR	8.0	8.9	red	1	7	3	7	does not taste like a tomato	1	Fruit cracking; variable shape; ribbing; zippering; cat-facing. Blossom end rot noted.
Oregon Star	OSU	Dual	71	D	UR	8.5	6.6	red	3	3	1	5	acidic tomato flavor	3	Zippering; variable fruit shape.
Sweet Olive	Johnny's Selected Seeds	Grape	68	SD	GS	3.2	2.5	red	3	1	1	7	thick skin; okay flavor	7	
Black Plum	Seeds of Change	Paste	74	SD	GS	6.5	2.9	red-brown/black	5	1	1	9	okay for processing; mushy; sweet	7	Leaf dieback (unspecified). Uneven fruit ripening.
Granadero	Vitalis	Paste	81	I	UR	7.0	5.1	red	5	1	0	7	paste type; firm	7	
Jory	OSU	Paste	81	I	GS	8.7	6.9	red	3	1	2	3	no flavor	3	Variable fruit size and shape. Leaf dieback (unspecified).
Little Napoli	Territorial	Paste	74	D	GS	6.3	4.8	red	5	1	1	7	bland	5	Fruit has nice aroma.
Oroma	OSU	Paste	74	D	UR	8.5	4.3	red	7	5	2	5	good saucer	5	Powdery mildew on foliage. Vine dieback (unspecified). Blossom end rot. Uneven fruit ripening.
Pai Pai	Vitalis	Paste	88	I	UR	7.0	6.0	red	7	3	1	7	acceptable; not a lot of flavor	7	Vine dieback (unspecified)
Plum Regal	Bejo	Paste	95	D	UR	8.2	5.6	red	9	1	0	-	fine. Non-acidic; okay texture		Very slow to ripen (many unripe fruit into September).
Pozzano	Vitalis	Paste	88	I	UR	11.2	5.6	red	7	3	1	7	firm; typical paste	7	

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Tomato¹

Variety	Source	Type	First Ripe (Days after Trans-planting)	Vine Type ²	Shoulder ³	Fruit Height (cm)	Fruit Width (cm)	Fruit color	Leaf cover ⁴	Sunburn ⁵	Leaf curl ⁶	Yield ⁷	Flavor notes	Overall Score ⁷	Notes
San Marzano	Nichols Garden Nursery	Paste	88	I	GS	6.8	4.3	red	7	3	0	5	pasty texture; not sweet; typical paste	5	Unspecified vine issues. Blossom end rot and internal fruit rot.
Saucy	OSU	Paste	43	D	UR	6.0	5.2	red	3	3	2	7	pasty texture; nice saucer	5	
Speckled Roman	Johnny's Selected Seeds	Paste	95	I	GS	9.2	6.8	striped red & green	9	1	0	5	mushy; tough skin; mealy; flavorless	5	Wilted vines; unspecified dieback noted.
Indigo Pear Drops	OSU	Pear	88	I	purple	4.5	2.5	yellow	7	1	1	9	sweet; not tomatoey	5	
Blush	Territorial	Saladette	88	I	UR	6.3	3.1	red-yellow	7	1	-	7	sweet; good	7	Appealing fruit appearance.
Indigo Kiwi	OSU	Saladette	76	I	purple shoulder	4.5	4.4	yellow & muddy purple	7	1	1	7	juicy; sweet; crisp skin	7	Attractive fruit (unusual coloration).
Indigo Rose	OSU	Saladette	88	SD	purple	4.7	4.7	purple & red	5	1	2	9	no traditional tomato flavor; tough skin	5	
IPB	OSU	Saladette	61	D	GS	4.3	4.3	red	3	2	1	5	sweet; not much acid; pleasant; juicy	5	New growth is light green & slightly stunted (unspecified cause).
Mountain Magic	Bejo	Saladette	81	I	UR	4.2	4.3	red	7	1	0	7	sweet; tough skin; juicy	7	
Oregon 11	OSU	Saladette	63	D	GS	3.5	5.0	red	1	3	3	3	pasty; sweet; juicy	1	Fruit prone to splitting and cracking (longitudinal & concentric rings)
Salvishkia Slodroy	Pingo Farm	Saladette	68	I	GS	4.0	4.7	red	7	1	1	5	pleasant	7	Fruit splitting noted.

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Stripes of Yore	Stripes of Yore	Saladette	88	I	GS	4.2	5.8	yellow striped	5	3	-	5	sweet; good	5	Unspecified plant dieback.
Tigerella	Seeds of Change	Saladette	74	I	UR	4.8	5.4	striped red & yellow	7	1	0	7	acid; tomato flavor; slightly bland; 'not bad'	7	Some hard core noted. Juicy flesh.
Tomatoberry Garden	Johnny's Selected Seeds	Saladette	68	I	GS	4.0	3.5	red	7	1	0	9	fruity; off-flavor	5	Appealing shaped fruit.
Alpatieva	Pingo Farm	Slicer	81	D	GS	4.6	7.3	red	3	3	0	7	bland, 'grocery store flavor'	3	Very small plants. Cultivar developed in Alaska.
Big Beef	Johnny's Selected Seeds	Slicer	88	I	GS	7.0	12.0	red	5	3	0	7	typical tomato flavor; good; thinner skin; juicy	7	Vine issues (unspecified); powdery mildew present.
Big Brandy	Territorial	Slicer	88	I	GS	6.3	9.2	red	7	1	0	7	sweet; acidic	7	
Black	Territorial	Slicer	81	I	GS	6.4	9.9	red-brown	7	3	1	5	juicy; not mealy; okay	5	Concentric fruit cracking. Variable fruit size.
Bobcat	Syngenta	Slicer	95	D	UR	7.5	12.2	red	5	1	1	5	okay. Firm texture; bland; a little acidic	5	Large fruit; slow to fully ripen; variable fruit size. Powdery mildew present.
Caspian Pink	Nichols Garden Nursery	Slicer	88	I	GS	7.6	10.3	pink	5	1	2	7	mushy; juicy; tomatoey	5	Some fruit cracking; "ugly."
Costoluto Fiorentino	Territorial	Slicer	81	I	GS	3.2	6.6	red	3	3	1	5	sweet; very juicy	5	Extreme catfacing; odd-pumpkin shape. Vine dieback (unspecified).

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Tomato¹

Variety	Source	Type	First Ripe (Days after Trans- planting)	Vine Type ²	Shoulder ³	Fruit Height (cm)	Fruit Width (cm)	Fruit color	Leaf cover ⁴	Sunburn ⁵	Leaf curl ⁶	Yield ⁷	Flavor notes	Overall Score ⁷	Notes
Crown Jewel	Seminis	Slicer	88	D	UR	7.5	8.4	red	5	1	1	5	classic tomato flavor; juicy	5	Lobed fruit; some cat- facing; variable fruit size.
Damsel	Johnny's Selected Seeds	Slicer	81	I	GS	6.5	9.4	red	7	1	0	5	true tomato flavor; juicy	7	
Dina	Pingo Farm	Slicer	88	I	UR	7.1	6.3	orange	7	3	0	7	mealy; typical low- acid orange tomato	7	
Genuwine	Log House Plants	Slicer	81	I	GS	4.5	7.2	red	7	1	1	7	juicy	7	
German Johnson	Johnny's Selected Seeds	Slicer	88	I	GS	6.9	11.8	red	8	1	0	5	bland	5	Large fruit.
Green Berkeley Tie-Dye	Territorial	Slicer	95	I	Stripe	6.6	9.8	green w/ orange stripes	5	1	2	3	sour; tough skin; off-taste	5	Leaf dieback (unspecified).
Green Zebra	Territorial	Slicer	102	I	UR	5.5	7.2	green w/ yellow stripes	5	1	0	5	sour	5	Powdery mildew present.
Hillbilly	Territorial	Slicer	88	I	GS	8.4	9.4	red	5	3	1	7	mushy texture	5	Dieback (unspecified).
Lake	Territorial	Slicer	74	I	GS	5.5	8.3	red	7	1	0	7	juicy; underwhelming; not very sweet	5	Lobed fruit.

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Tomato¹

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Legend	OSU	Slicer	74	D	UR	5.6	8.0	red	7	5	1	7	mushy texture	5	Catfacing; ribbing and lobing; fruit splitting; some vine dieback.
Margold	Johnny's Selected Seeds	Slicer	88	I	GS	6.6	11.9	orange	7	1	0	5	acid; okay flavor	5	Variable fruit size, catfacing, lobed fruit. Plant dieback (unspecified).
Marnero	Johnny's Selected Seeds	Slicer	81	I	GS	5.9	9.6	red	5	3	0	7	bland tomato taste	5	Powdery mildew present.
Medford	OSU	Slicer	81	D	UR	6.4	6.5	red	5	3	1	7	okay; some sweetness; juicy	5	
Mountain Merit	Bejo	Slicer	88	D	UR	7.8	10.5	red	7	1	1	3	sweet; juicy; good	7	Powdery mildew present. Variable fruit size.
New Girl	Johnny's Selected Seeds	Slicer	74	I	GS	5.3	5.3	red	3	5	1	5	weird; tough skin; firm; juicy	3	Pointed fruit shape. Unspecified dieback on some plants.
Oregon Spring	OSU	Slicer	74	D	GS	5.9	6.5	red	7	5	1	5	tomatoey; good balance	7	
Polbig	Bejo	Slicer	81	D	UR	6.2	7.5	red	5	3	1	7	tomatoey; juicy; a little mealy; acceptable	7	Powdery mildew present.
Quali T 23	Osborne	Slicer	88	D	UR	7.9	10.3	red	3	3	1	7	texture & taste is not pleasing	3	Powdery mildew present, leaf dieback. Fruit cracking; variable size.

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Red Pear Piriform	Johnny's Selected Seeds	Slicer	95	-	GS	7.2	10.5	red	7	3	0	3	bad texture	3	
Resolute	Bejo	Slicer	88	SD	UR	8.2	9.8	red	7	1	1	7	okay. Watery; bland; good texture for a sandwich	7	Variable fruit size.
Santiam	OSU	Slicer	68	D	GS	6.0	6.5	red	3	3	2	7	watery; poor; not much sugar or acid	3	Zippering; catfacing; cracking.
Severianin	OSU	Slicer	74	D	GS	4.5	8.5	red	5	3	1	7	tough skin; not much flavor; acidic	5	Blossom end rot; early blight symptoms.
Siletz	OSU	Slicer	74	D	GS	5.5	7.0	red	7	5	1	5	musky; tomatoey; fine	5	Splitting fruit; some unidentified vine issues.
Tasti-Lee	Bejo	Slicer	88	D	UR	7.1	9.4	red	5	1	1	5	Firm texture; okay flavor	5	Variable fruit size.
Taxi	Territorial	Slicer	74	D	UR	5.7	5.8	Yellow	3	3	2	7	bland	3	Vines poor.
Willamette	OSU	Slicer	81	D	UR	6.6	7.7	red	7	3	1	5	tomatoey; mushy texture	5	Powdery mildew present.
Willamette VF	OSU	Slicer	81	D	UR	6.5	6.8	red	5	3	1	5	tomato flavor; juicy; firm texture; fine.	3	Poor vine development.
Yellow Muddy Waters	Boon-dockers Farm	Slicer	81	-	GS	6.4	8.4	yellow-orange	5	1	0	7	mushy texture	5	

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