

2017 Bell Pepper Variety Trial, Dayton, TN

Variety	Seed Company	Jumbo boxes/A	XL boxes/A	L boxes/A	M boxes/A	Total boxes/A	% Choppers	% Culls	Lobes
Aristotle ^{3, 4 b-d, 6}	Seminis	866	222	35	0	1124	8	0	4,3
Mercer ^{1, 4 a-d, h, i, 6}	Sakata	274	660	89	29	1053	11	4	3,4
Flavorburst ^{lime, yellow, orange}	Bejo	215	572	137	108	1031	13	10	3,4
Turnpike ^{1, 3, 4 a-f, h-j}	Seminis	468	330	134	58	990	6	3	3,4
PS 09941819 ^{1, 4 a-f, h-j, 7}	Seminis	502	352	37	11	902	11	10	4,3
B-2992	Bejo	287	469	112	22	889	8	20	4
Green Flash ^{4 b-k}	Clifton	461	283	80	0	824	12	6	4,3
Mariner ^{4 b-k}	Clifton	48	607	156	0	812	12	12	3,4
Playmaker ^{1, 4 a-k, 7}	Seedway	210	436	112	10	767	0	7	4,3
Heritage ^{2, 4 b-d, f}	HM Clause	323	357	53	11	744	19	10	4
Samurai ^{1, 4 a-k, 6}	Sakata	85	472	59	31	647	7	15	3,4
Vanguard ^{1, 4 b-f, 5}	HM Clause	161	317	56	10	544	28	7	4
Galleon ^{4 b-k}	Clifton	65	224	179	39	506	7	4	4,3
Ninja ^{4 a-k, 6}	Sakata	153	306	24	20	502	22	10	4,3

*Per acre calculations based on 14,520 plants (6 ft between rows x 12" double row, 12" in-row)

Size	#/box
Jumbo	45
XL	55
L	65
M	75

Disease tolerance/resistance:

- 1 Phytophthora Root Rot tolerance/resistance
- 2 Tomato Spotted Wilt Virus tolerance/resistance (TSWV)
- 3 Tomato Mosaic Virus tolerance/resistance (ToMV)
- 4 a-k Bacterial Leaf Spot resistance for races 0,1,2,3,4,5,6,7,8,9,10
- 5 Cucumber Mosaic Virus tolerance/resistance (CMV)
- 6 Tobacco Mosaic Virus tolerance/resistance (TMV)
- 7 Tobamovirus tolerance/resistance

2017 Bell Pepper Variety Trial, Dayton, TN

Variety	Greenness	Glossiness	Shape	Uniformity	Firmness	Comments
Aristotle	Medium	Medium	Blocky	Average	Firm	Silvering, nice uniformity
Mercer	Medium	Medium	Blocky	Good	Firm	Rough, short pods with taper
Flavorburst	Very light	Very glossy	Blocky, pointed	Average	Firm	Silvering, light green to yellow
Turnpike	Medium	Glossy	Blocky	Good	Firm	Silvering
PS 09941819	Dark	Glossy	Rectangular	Average	Firm	Rough
B-2992	Light	Medium	Blocky	Average	Firm	Pancake, rough
Green Flash	Dark	Glossy	Blocky, rectangular	Average	Firm	Rough
Mariner	Medium	Glossy	Flat to blocky	Good	Firm	Rough, pancake
Playmaker	Medium	Glossy	Blocky	Good	Firm	
Heritage	Dark	Dull	Varied	Poor	Firm	Rough, pancake, light color
Samurai	Medium	Glossy	Blocky	Good	Firm	Smooth walls, pancaking
Vanguard	Medium	Medium	Flat to blocky	Medium	Firm	Pancake, pumkin
Galleon	Dark	Very glossy	Blocky	Fair	Medium	Silvering, short blocky
Ninja	Medium	Glossy	Blocky	Average	Firm	Rough, pancake, taper at shoulder

Questions?

Please contact: Annette Wszelaki

Email annettew@utk.edu

Phone 865.974.8332

Thank you to Linares Farm, LLC for hosting this on-farm trial, and to Seminis, Bejo, Clifton, Sakata, Seedway and Harris Moran for contributing seed and help with harvests.