

2017 Round Tomato Variety Trial, Dayton, TN

Variety	Seed Company	4 x 5 boxes/A	5 x 6 boxes/A	6 x 6 boxes/A	6 x 7 boxes/A	Total boxes/A	% Culls
Mt. Majesty	HM Clause	457	648	561	16	1682	17
Volante	Sakata	316	917	224	167	1625	23
Red Deuce	HM Clause	202	684	458	205	1548	13
Mt. Gem (151G)	Bejo	243	840	321	83	1486	12
Red Morning	HM Clause	166	859	314	94	1434	16
B-3040	Bejo/Seedway	466	634	198	8	1305	21
B-3041	Bejo	157	791	206	135	1288	11
Syn2016	Syngenta	104	649	270	185	1207	19
Red Mountain	HM Clause	37	422	450	294	1204	11
RFT890054	Syngenta	108	668	301	75	1152	12
SV3419	Seedway	169	705	203	49	1126	28
Summerpick	Syngenta	128	729	199	59	1115	26
Pinkalicious	Syngenta	44	249	392	389	1074	26
Resolute	Bejo/Seedway	192	633	190	44	1059	28
Grand Marshall	Sakata	301	498	186	51	1036	17
B-3096	Bejo/Seedway	144	425	341	99	1008	17
Camaro	Sakata	285	495	183	45	1008	30
Brickyard	Syngenta	57	611	233	97	998	34
Mt. Fresh Plus	HM Clause	133	441	162	34	771	36
EWS-TOM-057	Clifton	17	169	256	325	767	21
Mt. Merit	Bejo	22	366	194	73	655	26
Dixie Red	Seminis	162	235	141	74	612	41
EWS-TOM-034	Clifton	8	189	185	96	478	42
EWS-TOM-064	Clifton	0	71	205	199	475	35

*Per acre calculations based on 3,960 plants (6 ft between rows x 22" in-row)

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Variety	Peduncle End Scar	Firmness	Shape	Uniformity	Smoothness
Mt. Majesty	Medium	Firm	Round	Uniform	Ribbed
Volante	Medium	Medium	Flat round	Medium	Smooth
Red Deuce	Medium	Very firm	Flat round-Blocky	Very irregular	Ribbed
Mt. Gem (151G)	Medium	Firm	Flat round-Round	Uniform	Smooth
Red Morning	Medium	Soft	Round	Uniform	Smooth
B-3040	Very big	Medium	Flat round	Uniform	Ribbed
B-3041	Small	Firm	Round	Uniform	Smooth
Syn2016	Medium	Very firm	Round	Uniform	Smooth
Red Mountain	Small	Firm	Flat round-Round	Irregular	Smooth
RFT890054	Medium	Firm	Flat round-Round	Uniform	Smooth
SV3419	Big	Firm	Flat round-Round	Uniform	Ribbed
Summerpick	Big	Firm	Round	Medium	Smooth
Pinkalicious	Small	Soft	Flat round	Medium	Ribbed
Resolute	Medium	Firm	Flat round-Round	Medium	Ribbed
Grand Marshall	Big	Firm	Round	Irregular	Ribbed
B-3096	Small	Medium	Round	Medium	Smooth
Camaro	Big	Soft	Flat round-Round	Uniform	Very smooth
Brickyard	Medium	Soft	Round	Uniform	Smooth
Mt. Fresh Plus	Medium	Soft	Flat round	Medium	Smooth
EWS-TOM-057	Medium	Very soft	Flat round-Round	Uniform	Smooth
Mt. Merit	Big	Soft	Flat round	Medium	Ribbed
Dixie Red	Very big	Soft	Flat round	Medium	Ribbed
EWS-TOM-034	Medium	Soft	Flat round	Uniform	Ribbed
EWS-TOM-064	Small	Firm	Round	Very uniform	Smooth

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Variety	Vine	Cover	Blossom End Rot	Blossom End Scar	Bacteria
Mt. Majesty	Strong	Good	None	Small	Medium
Volante	Strong	Good	None	Small	Medium
Red Deuce	Medium	Open	None	Big	Very sensitive
Mt. Gem (151G)	Very strong	Good	None	Small	Tolerant
Red Morning	Medium	Medium	None	Small	Very sensitive
B-3040	Medium	Medium	Slight	Big	Tolerant
B-3041	Medium	Open	Moderate	Small	Sensitive
Syn2016	Weak	Open	None	Very small	Very sensitive
Red Mountain	Strong	Good	Moderate	Small	Medium
RFT890054	Very strong	Good	Slight	Small	Very sensitive
SV3419	Strong	Medium	None	Small	Sensitive
Summerpick	Strong	Open	Severe	Small	Sensitive
Pinkalicious	Very strong	Good	None	Medium	Medium
Resolute	Medium	Open	Severe	Small	Sensitive
Grand Marshall	Strong	Open	Severe	Small	Sensitive
B-3096	Medium	Medium	Severe	Small	Very sensitive
Camaro	Weak	Very open	None	Medium	Very sensitive
Brickyard	Strong	Good	Severe	Very small	Medium
Mt. Fresh Plus	Strong	Good	Severe	Small	Medium
EWS-TOM-057	Strong	Open	Slight	Small	Very sensitive
Mt. Merit	Strong	Medium	Severe	Big	Sensitive
Dixie Red	Medium	Open	None	Big	Very sensitive
EWS-TOM-034	Medium	Very open	Severe	Medium	Medium
EWS-TOM-064	Weak	Very open	Severe	Small	Sensitive

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Variety	Comments
Mt. Majesty	Rough, sunscald, catfacing, zippering
Volante	Severe catfacing and zippering, Verticillium
Red Deuce	Catfacing, sunscald, cracking
Mt. Gem (151G)	Zippering, early blight
Red Morning	Catfacing
B-3040	Early blight, severe catfacing
B-3041	Smaller fruited, early blight, severe zippering and catfacing, early blight
Syn2016	Cracking, sunscald
Red Mountain	Catfacing, cracking, Verticillium
RFT890054	Nutritional disorder
SV3419	Zippering, rough shoulder, severe catfacing
Summerpick	Zippering, severe catfacing, nutritional disorders
Pinkalicious	Pink tomato, rough shoulders
Resolute	Showed TSWV on fruit
Grand Marshall	Some fruit pointed, cracking, catfacing
B-3096	Cracking, severe zippering
Camaro	Early blight, zippering, severe catfacing, graywall
Brickyard	Early blight, gray wall, zippering, severe catfacing
Mt. Fresh Plus	Zippering, radial cracking, checking
EWS-TOM-057	Small, nutritional disorder
Mt. Merit	Catfacing, zippering, cracking
Dixie Red	Early blight, sunscald, zippering, catfacing, radial cracking
EWS-TOM-034	Early blight, zippering, nutritional disorder
EWS-TOM-064	Severe zippering and catfacing, very susceptible to Phytophthora

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.

Questions? Please contact: Annette Wszelaki

Email annettew@utk.edu

Phone 865.974.8332