

**UCCE San Joaquin County - Fresh Market Tomato Variety Evaluation Trial
Stockton, California - Harvested October 1, 2009 (91 days)**

Variety	Total yield (tons/A)		Marketable (%)		Market yield (tons/a)		Fruit size			Notes
							% XL	% L	% M	
PS 2942 (Seminiis)	54.3	a	35.5	abc	19.3	a	9.9	37.3	27.2	very good fruit size, fair leaf coverage, some rough shoulders
Bobcat (Syngenta)	46.9	ab	37.0	a	17.4	a	7.4	33.1	28.9	leaf coverage good, many stems sticking, smooth shoulders
Quali T-27 (Syngenta)	47.6	ab	36.7	a	17.4	a	14.9	40.0	22.0	good leaf coverage, some rough shoulders, zippers and growth cracks, fruit set spread out
BHN 935 (BHNSeed)	47.5	ab	36.1	ab	17.1	a	13.2	34.8	20.4	poor leaf coverage, foliage not holding up well, some rough shoulders, early maturing, fruit set spread out
Quali T-21 (Syngenta)	47.0	ab	34.3	abc	16.1	ab	10.2	34.7	26.7	good fruit size, some rough shoulders and stems sticking, later maturing
Trinity (Harris Moran)	45.1	abc	34.5	abc	15.8	abc	5.0	33.4	27.1	large vines, good leaf coverage, later maturing, some stems sticking
BHN 934 (BHNSeed)	46.0	ab	33.1	abcd	15.1	abc	13.1	36.8	16.0	poor leaf coverage, foliage not holding up well, fruit set spread out
Quali T-47 (Syngenta)	41.8	bcd	36.7	a	15.1	abc	14.1	38.3	21.3	good leaf coverage, some rough shoulders, very good fruit size
AT98b (American Takii)	36.5	bcde	32.1	abcd	12.2	bcd	11.0	27.9	26.2	good leaf coverage, good fruit size, many stems sticking
PS 2935 (Seminiis)	37.7	bcde	30.8	bcd	11.6	bcd	3.5	29.0	27.6	large vines, good leaf coverage, smooth shoulders, stems sticking
AT98a (American Takii)	32.5	de	35.0	abc	11.3	cd	8.4	34.1	26.1	good leaf coverage, small fruit size
BHN 856 (BHNSeed)	34.0	cde	30.2	cd	10.2	d	6.6	33.4	20.1	poor leaf coverage, some rough shoulders, small fruit size
BHN 933 (BHNSeed)	28.3	e	28.7	d	8.1	d	3.0	30.2	22.0	poor leaf coverage, early maturing, small fruit size, fruit set not concentrated, stems sticking
Mean	41.9		33.9		14.4		9.3	34.1	24.0	
LSD 5%	11.8		5.5		4.8		NS	NS	NS	
P value	0.0045		0.057		0.0015		NS	NS	NS	
CV %	16.6		9.5		19.8		60.1	14.4	27.3	

Notes: Numbers represent the mean of 4 observations, means in the same column followed by the same letter are not statistically different.

Bold lettering indicates standard commercial varieties included for comparison, all varieties except standards are resistant to tomato spotted wilt virus (TSWV).

Some Verticillium wilt and powdery mildew uniformly throughout trial, TSWV pressure light, only seen in non-resistant varieties.