

2017 PTAB SUMMARY



California Processing Tomato Season Review

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2017 California Processing Tomato

Top 50 Varieties

Based on Final PTAB

	Variety	Supplier	Use Category	TSW	F3	EFS	Total Loads	% of Loads	Solids	Color	LU	Mold	pH	Green
1	DRI319	Seminis	Thin	X			31,039	7.47%	5.70	24.6	2.4	2.3	4.44	1.3
2	HM3887	Harris Moran	Intermediate	X			30,592	7.37%	5.47	25.8	1.4	2.4	4.49	2.2
3	BQ273	Woodbridge	Early	X			28,996	6.98%	5.25	25.1	1.4	0.5	4.39	1.4
4	AB0311	Seminis	Thin	X			27,379	6.59%	5.77	23.7	1.8	2.4	4.41	1.3
5	N6415	Nunhems	Thick	X		X	23,280	5.60%	5.07	25.0	1.2	3.2	4.47	1.8
6	H2401	Heinz	Thick			X	21,883	5.27%	5.00	25.1	1.2	3.0	4.42	2.9
7	H4707	Heinz	Thick			X	18,767	4.52%	4.98	25.3	0.8	2.0	4.47	3.0
8	HM4885	Harris Moran	Thick	X		X	18,450	4.44%	5.18	24.6	0.9	2.6	4.43	1.3
9	H5608	Heinz	Thick	X			18,272	4.40%	4.98	24.1	1.1	1.4	4.48	1.7
10	N6366	Nunhems	Thin				17,750	4.27%	5.40	24.9	2.3	1.0	4.48	1.1
11	SV2756TM	Seminis	Thick	X		X	11,481	2.76%	5.08	26.0	1.1	2.1	4.52	1.7
12	HM1892	Harris Moran	Intermediate			X	11,167	2.69%	5.34	24.9	1.6	1.6	4.52	1.3
13	H1428	Heinz	Thick	X		X	10,819	2.60%	4.92	23.9	0.8	2.5	4.49	3.1
14	HM4909	Harris Moran	Intermediate	X			10,198	2.46%	5.57	25.6	1.1	2.3	4.35	1.2
15	H5702	Heinz	Thick			X	9,537	2.30%	4.98	23.8	0.6	1.8	4.47	3.6
16	N6416	Nunhems	Early	X			9,320	2.24%	4.94	25.3	1.5	0.5	4.37	1.1
17	UG19406	United Genetics	Intermediate			X	8,166	1.97%	5.41	25.1	0.8	2.2	4.36	1.3
18	H8504	Heinz	Thick			X	5,562	1.34%	4.90	26.0	0.8	2.3	4.38	2.1
19	H1293	Heinz	Pear	X			5,251	1.26%	5.53	23.7	1.4	1.7	4.55	1.4
20	N6428	Nunhems	Intermediate	X	X	X	4,960	1.19%	4.92	25.5	1.1	2.5	4.48	1.9
21	SV8011TM	Seminis	Intermediate	X			4,859	1.17%	5.26	24.6	0.9	2.6	4.47	2.2
22	N6402	Nunhems	Thin	X			4,774	1.15%	5.65	24.8	1.6	1.7	4.49	1.3
23	H9663	Heinz	Thick				4,367	1.05%	4.88	23.8	3.1	4.3	4.49	2.7
24	HM3888	Harris Moran	Intermediate	X		X	3,945	0.95%	5.22	26.1	0.8	1.3	4.50	1.0
25	HM9905	Harris Moran	Intermediate			X	3,909	0.94%	5.07	24.6	0.6	1.0	4.47	0.8
26	HM5900	Harris Moran	Early	X			3,880	0.93%	5.54	24.9	2.0	0.9	4.39	1.7
27	BQ400	Woodbridge	Early	X			3,818	0.92%	5.19	23.5	0.9	0.4	4.43	0.9
28	HM7885	Harris Moran	Pear			X	3,679	0.89%	4.90	25.8	1.0	1.8	4.61	0.8
29	H5508	Heinz	Thick	X		X	3,609	0.87%	4.66	24.8	0.4	3.6	4.45	1.4
30	H1015	Heinz	Early			X	3,374	0.81%	5.22	24.0	0.7	0.5	4.48	2.9
31	N6420	Nunhems	Pear	X			2,948	0.71%	5.06	25.3	1.5	2.1	4.51	1.2
32	BP16	BHN Seed	Intermediate	X	X		2,665	0.64%	5.44	26.6	1.0	2.2	4.48	4.2
33	H1310	Heinz	Thick	X	X		2,213	0.53%	5.11	25.2	0.7	2.7	4.52	6.4
34	UG16609	United Genetics	Thin	X			2,199	0.53%	5.48	24.4	2.0	0.8	4.39	1.0
35	BP13	BHN Seed	Early	X	X		2,032	0.49%	5.07	25.3	0.9	0.6	4.43	3.9
36	SV2493TM	Seminis	Intermediate	X	X		1,931	0.46%	4.97	23.9	2.4	4.3	4.49	1.9
37	H1292	Heinz	Pear	X			1,844	0.44%	5.38	24.1	1.9	0.8	4.53	1.0
38	Shasta	Harris Moran	Early				1,829	0.44%	5.27	27.3	2.4	0.4	4.31	0.8
39	N6397	Nunhems	Early				1,792	0.43%	5.31	24.6	1.6	0.7	4.49	1.3
40	BQ141	Woodbridge	Intermediate	X	X		1,768	0.43%	4.88	24.5	2.6	2.0	4.50	6.5
41	H5706	Heinz	Thick				1,730	0.42%	4.98	24.5	0.6	0.9	4.44	2.8
42	N6429	Nunhems	Intermediate	X	X	X	1,342	0.32%	5.00	25.9	1.4	2.1	4.51	1.2
43	HM58841	Harris Moran	Intermediate	X		X	1,196	0.29%	5.43	24.9	0.7	2.3	4.46	1.2
44	CXD187	Harris Moran	Early				1,176	0.28%	4.85	25.5	1.5	0.8	4.41	1.1
45	H5701	Heinz	Thick			X	1,045	0.25%	4.76	24.7	0.5	2.5	4.41	5.1
46	BP32	BHN Seed	Intermediate	X	X	X	1,044	0.25%	5.20	26.1	1.5	2.9	4.48	2.8
47	HP849	Seminis	Intermediate			X	1,000	0.24%	5.13	25.8	0.5	1.3	4.35	1.4
48	APT410	Seminis	Early				932	0.22%	5.04	26.2	2.0	0.4	4.37	2.0
49	N6404	Nunhems	Intermediate	X			922	0.22%	4.99	25.4	1.7	5.2	4.55	0.8
50	CXD255	Harris Moran	Intermediate				902	0.22%	5.07	25.8	1.4	1.8	4.39	1.4
	All Others						19,765	4.75%	5.28	24.8	1.6	2.0	4.45	1.7
STATEWIDE ALL							415,358	100.00%	5.26	24.9	1.4	2.0	4.45	1.8

Note: Thin Viscosity - Predicted Paste Bostwick > 4.99, Intermediate Viscosity - Predicted Paste Bostwick 3.26 - 4.99, Thick Viscosity - Predicted Paste Bostwick < 3.26

2017 Top 40 Varieties

South Region

Based on Final PTAB

Rank	Variety	Supplier	Category	Disease Resistance	TSW	F3	EFS	Total Loads	% of Loads
1	BQ273	Woodbridge	Early	VFFNPtsw	X			23,897	10.64%
2	HM3887	Harris Moran	Intermediate	VFFNtsw	X			18,674	8.31%
3	N6415	Nunhems	Thick	VFFNPtsw*	X		X	17,460	7.77%
4	AB0311	Seminis	Thin	VFFNPtsw	X			14,298	6.36%
5	H2401	Heinz	Thick	VFFNP*			X	12,598	5.61%
6	H5608	Heinz	Thick	VFFNPtsw	X			12,597	5.61%
7	DRI319	Seminis	Thin	VFFNPtsw	X			12,460	5.55%
8	HM4885	Harris Moran	Thick	VFFNPtsw*	X		X	12,415	5.53%
9	N6366	Nunhems	Thin	VFFNP				12,232	5.44%
10	SV2756TM	Seminis	Thick	VFFNtsw	X		X	8,729	3.89%
11	H4707	Heinz	Thick	VFFNP*			X	8,144	3.62%
12	N6416	Nunhems	Early	VFNPtsw	X			7,784	3.46%
13	HM1892	Harris Moran	Intermediate	VFFNP*			X	5,882	2.62%
14	H1428	Heinz	Thick	VFFNPtsw*	X		X	5,593	2.49%
15	HM4909	Harris Moran	Intermediate	VFFNtswFr	X			5,316	2.37%
16	H9663	Heinz	Thick	VFFNP				4,194	1.87%
17	H1293	Heinz	Pear	VFFNPtsw	X			3,361	1.50%
18	HM7885	Harris Moran	Pear	VFN*			X	3,174	1.41%
19	H8504	Heinz	Thick	VFFNP*			X	3,118	1.39%
20	N6402	Nunhems	Thin	VFFNPtsw	X			2,914	1.30%
21	BQ400	Woodbridge	Early	VFFNPtsw	X			2,911	1.30%
22	UG19406	United Genetics	Intermediate	VFFNP*			X	2,186	0.97%
23	H5508	Heinz	Thick	VFFNtsw*	X		X	2,065	0.92%
24	N6420	Nunhems	Pear	VFFNtsw	X			1,771	0.79%
25	UG16609	United Genetics	Thin	VFFNPtsw	X			1,601	0.71%
26	H1292	Heinz	Pear	VFFNPtsw	X			1,428	0.64%
27	SV8011TM	Seminis	Intermediate	VFFNtsw	X			1,376	0.61%
28	HM5900	Harris Moran	Early	VFFNtsw	X			1,272	0.57%
29	N6428	Nunhems	Intermediate	VFFFNPtsw*	X	X	X	1,205	0.54%
30	CXD187	Harris Moran	Early	VFFNP				1,176	0.52%
31	SV2493TM	Seminis	Intermediate	VFFFNPtsw	X	X		924	0.41%
32	N6397	Nunhems	Early	VFFN				855	0.38%
33	UG15212	United Genetics	Thick	VFFNtsw*	X		X	848	0.38%
34	H5702	Heinz	Thick	VFFNP*			X	796	0.35%
35	H9491	Heinz	Intermediate	VFFNP				785	0.35%
36	BQ403	Woodbridge	Early	VFFNPtsw	X			663	0.30%
37	HM4886	Harris Moran	Intermediate	VFFNtsw	X			492	0.22%
38	SV8232TM	Seminis	Intermediate	VFFFNPtsw	X	X		431	0.19%
39	H1170	Heinz	Intermediate	VFFN*			X	414	0.18%
40	HM58841	Harris Moran	Intermediate	VFFNtsw*	X		X	381	0.17%
	All Others	Various	Various					6,254	2.78%
SOUTH		ALL LOADS						224,674	100.00%

Note: Thin Viscosity - Predicted Paste Bostwick > 4.99, Intermediate Viscosity - Predicted Paste Bostwick 3.26 - 4.99, Thick Viscosity - Predicted Paste Bostwick < 3.26

2017 Top 40 Varieties

Central Region

Based on Final PTAB

Rank	Variety	Supplier	Category	Disease Resistance	TSW	F3	EFS	Total Loads	% of Loads
1	DRI319	Seminis	Thin	VFFNPtsw	X			11,177	13.12%
2	AB0311	Seminis	Thin	VFFNPtsw	X			6,030	7.08%
3	H2401	Heinz	Thick	VFFNP*			X	5,508	6.46%
4	N6415	Nunhems	Thick	VFFNPtsw*	X		X	5,286	6.20%
5	H4707	Heinz	Thick	VFFNP*			X	5,033	5.91%
6	HM1892	Harris Moran	Intermediate	VFFNP*			X	4,597	5.40%
7	HM3887	Harris Moran	Intermediate	VFFNtsw	X			4,317	5.07%
8	H5608	Heinz	Thick	VFFNPtsw	X			3,165	3.71%
9	UG19406	United Genetics	Intermediate	VFFNP*			X	2,968	3.48%
10	H5702	Heinz	Thick	VFFNP*			X	2,718	3.19%
11	HM4909	Harris Moran	Intermediate	VFFNtswFr	X			2,679	3.14%
12	BQ273	Woodbridge	Early	VFFNPtsw	X			2,634	3.09%
13	N6366	Nunhems	Thin	VFFNP				2,578	3.03%
14	SV2756TM	Seminis	Thick	VFFNtsw	X		X	2,303	2.70%
15	SV8011TM	Seminis	Intermediate	VFFNtsw	X		0	1,972	2.31%
16	H1428	Heinz	Thick	VFFNPtsw*	X		X	1,792	2.10%
17	H1293	Heinz	Pear	VFFNPtsw	X			1,777	2.09%
18	H8504	Heinz	Thick	VFFNP*			X	1,701	2.00%
19	HM9905	Harris Moran	Intermediate	VFFN*			X	1,676	1.97%
20	HM3888	Harris Moran	Intermediate	VFFNtsw*	X		X	1,325	1.56%
21	H5706	Heinz	Thick	VFFNP				953	1.12%
22	HM4885	Harris Moran	Thick	VFFNPtsw*	X		X	907	1.06%
23	N6428	Nunhems	Intermediate	VFFFNPtsw*	X	X	X	897	1.05%
24	BP16	BHN Seed	Intermediate	VFFFNPtsw	X	X		893	1.05%
25	N6420	Nunhems	Pear	VFFNtsw	X			748	0.88%
26	N6404	Nunhems	Intermediate	VFFNPtsw	X			725	0.85%
27	N6402	Nunhems	Thin	VFFNPtsw	X			655	0.77%
28	H1175	Heinz	Thick	VFFN*			X	638	0.75%
29	H5508	Heinz	Thick	VFFNtsw*	X		X	633	0.74%
30	HM5900	Harris Moran	Early	VFFNtsw	X			588	0.69%
31	H9780	Heinz	Intermediate	VFFNP*			X	530	0.62%
32	N6429	Nunhems	Intermediate	VFFFNtswLv*	X	X	X	515	0.60%
33	HM7885	Harris Moran	Pear	VFNP*			X	499	0.59%
34	Shasta	Harris Moran	Early	VF				419	0.49%
35	SV2493TM	Seminis	Intermediate	VFFFNPtsw	X	X		276	0.32%
36	BP32	BHN Seed	Intermediate	VFFFNPtswXv*	X	X	X	274	0.32%
37	SVTM2303	Seminis	Thick	VFFNtsw	X			265	0.31%
38	N6397	Nunhems	Early	VFFN				246	0.29%
39	APT410	Seminis	Early	VFFNP				244	0.29%
40	H1292	Heinz	Pear	VFFNPtsw	X			243	0.29%
	All Others	Various	Various					2,821	3.31%
CENTRAL		ALL LOADS						85,205	100.00%

Note: Thin Viscosity - Predicted Paste Bostwick > 4.99, Intermediate Viscosity - Predicted Paste Bostwick 3.26 - 4.99, Thick Viscosity - Predicted Paste Bostwick < 3.26

2017 Top 40 Varieties

North Region

Based on Final PTAB

Rank	Variety	Supplier	Category	Disease Resistance	TSW	F3	EFS	Total Loads	% of Loads
1	HM3887	Harris Moran	Intermediate	VFFNtsw	X			7,601	7.23%
2	DRI319	Seminis	Thin	VFFNPtsw	X			7,402	7.04%
3	AB0311	Seminis	Thin	VFFNPtsw	X			7,051	6.71%
4	H5702	Heinz	Thick	VFFNP*			X	6,023	5.73%
5	H4707	Heinz	Thick	VFFNP*			X	5,590	5.32%
6	HM4885	Harris Moran	Thick	VFFNPtsw*	X		X	5,128	4.88%
7	H2401	Heinz	Thick	VFFNP*			X	3,777	3.59%
8	H1428	Heinz	Thick	VFFNPtsw*	X		X	3,434	3.27%
9	UG19406	United Genetics	Intermediate	VFFNP*			X	3,012	2.87%
10	H1015	Heinz	Early	VFFNP*			X	3,007	2.86%
11	N6428	Nunhems	Intermediate	VFFNPtsw*	X	X	X	2,858	2.72%
12	N6366	Nunhems	Thin	VFFNP				2,799	2.66%
13	HM3888	Harris Moran	Intermediate	VFFNtsw*	X		X	2,619	2.49%
14	H5608	Heinz	Thick	VFFNPtsw	X			2,510	2.39%
15	BQ273	Woodbridge	Early	VFFNPtsw	X			2,465	2.35%
16	HM9905	Harris Moran	Intermediate	VFFN*			X	2,233	2.13%
17	H1310	Heinz	Thick	VFFNPtsw	X	X		2,213	2.11%
18	HM4909	Harris Moran	Intermediate	VFFNtswFr	X			2,203	2.10%
19	BP13	BHN Seed	Early	VFFNPtsw	X	X		2,032	1.93%
20	HM5900	Harris Moran	Early	VFFNtsw	X			2,020	1.92%
21	SV8011TM	Seminis	Intermediate	VFFNtsw	X			1,511	1.44%
22	BQ141	Woodbridge	Intermediate	VFFNPtsw	X	X		1,489	1.42%
23	N6416	Nunhems	Early	VFNtsw	X			1,487	1.42%
24	BP16	BHN Seed	Intermediate	VFFNPtsw	X	X		1,426	1.36%
25	Shasta	Harris Moran	Early	VF				1,410	1.34%
26	N6402	Nunhems	Thin	VFFNPtsw	X			1,205	1.15%
27	H5701	Heinz	Thick	VFFNP*			X	1,045	0.99%
28	HP849	Seminis	Intermediate	VFFNP*			X	1,000	0.95%
29	H5508	Heinz	Thick	VFFNtsw*	X		X	911	0.87%
30	CXD255	Harris Moran	Intermediate	VFFNP				902	0.86%
31	HM58801	Harris Moran	Intermediate	VFFNPtsw	X	X		859	0.82%
32	BQ400	Woodbridge	Early	VFFNPtsw	X			851	0.81%
33	N6429	Nunhems	Intermediate	VFFNPtswLv*	X	X	X	813	0.77%
34	IVF5234	Seeds of Solution	Intermediate	VFFNP				784	0.75%
35	HM58841	Harris Moran	Intermediate	VFFNtsw*	X		X	761	0.72%
36	H8504	Heinz	Thick	VFFNP*			X	743	0.71%
37	SV2493TM	Seminis	Intermediate	VFFNPtsw	X	X		731	0.70%
38	N6397	Nunhems	Early	VFFN				691	0.66%
39	H1422	Heinz	Thick	VFFNP*		X	X	668	0.64%
40	BP32	BHN Seed	Intermediate	VFFNPtswXv*	X	X	X	655	0.62%
	All Others	Various	Various					9,155	8.71%
NORTH		ALL LOADS						105,074	100.00%

Note: Thin Viscosity - Predicted Paste Bostwick > 4.99, Intermediate Viscosity - Predicted Paste Bostwick 3.26 - 4.99, Thick Viscosity - Predicted Paste Bostwick < 3.26

2017 California Processing Tomato

Variety Use Category Detail

Based on Final PTAB

Category	Variety	Supplier	TSW	F3	EFS	Total Loads	% of Loads	Solids	Color	LU	Mold	pH	Green
Early	BQ273	Woodbridge	X			28,996	48.70%	5.25	25.1	1.4	0.5	4.39	1.4
Early	N6416	Nunhems	X			9,320	15.65%	4.94	25.3	1.5	0.5	4.37	1.1
Early	HM5900	Harris Moran	X			3,880	6.52%	5.54	24.9	2.0	0.9	4.39	1.7
Early	BQ400	Woodbridge	X			3,818	6.41%	5.19	23.5	0.9	0.4	4.43	0.9
Early	H1015	Heinz			X	3,374	5.67%	5.22	24.0	0.7	0.5	4.48	2.9
Early	BP13	BHN Seed	X	X		2,032	3.41%	5.07	25.3	0.9	0.6	4.43	3.9
Early	Shasta	Harris Moran				1,829	3.07%	5.27	27.3	2.4	0.4	4.31	0.8
Early	N6397	Nunhems				1,792	3.01%	5.31	24.6	1.6	0.7	4.49	1.3
Early	CXD187	Harris Moran				1,176	1.97%	4.85	25.5	1.5	0.8	4.41	1.1
Early	APT410	Seminis				932	1.57%	5.04	26.2	2.0	0.4	4.37	2.0
Early	BQ403	Woodbridge	X			852	1.43%	5.40	24.9	1.4	0.4	4.32	2.1
Early	SV0599TM	Seminis				583	0.98%	5.39	27.3	0.9	0.4	4.39	0.7
Early	H5003	Heinz				237	0.40%	5.00	24.2	4.1	0.3	4.46	1.7
Early	U373	Nunhems				236	0.40%	5.20	23.7	4.4	0.9	4.51	0.5
Early	N6436	Nunhems	X			232	0.39%	5.32	24.5	1.7	1.9	4.50	0.9
Early	SVTM2828	Seminis	X			143	0.24%	5.39	25.5	1.6	0.9	4.47	0.7
Early	HM1893	Harris Moran	X			55	0.09%	5.23	26.0	3.8	0.6	4.30	0.3
Early	BOS66509	Orsetti				30	0.05%	5.52	26.4	0.8	0.2	4.35	0.8
Early	BQ401	Woodbridge	X			19	0.03%	5.03	27.0	2.2	1.8	4.49	0.8
Early	HM58881	Harris Moran	X			7	0.01%	5.04	23.7	0.7	1.7	4.54	0.3
Early	H1765	Heinz	X			2	0.00%	4.85	23.0	1.5	1.3	4.39	0.8
Early	K2693	Keithly Williams				1	0.00%	5.50	22.0	3.5	0.5	4.52	0.0
Early Total						59,546	100.00%	5.20	25.0	1.5	0.5	4.40	1.5
Thin	DR1319	Seminis	X			31,039	36.33%	5.70	24.6	2.4	2.3	4.44	1.3
Thin	AB0311	Seminis	X			27,379	32.05%	5.77	23.7	1.8	2.4	4.41	1.3
Thin	N6366	Nunhems				17,750	20.78%	5.40	24.9	2.3	1.0	4.48	1.1
Thin	N6402	Nunhems	X			4774	5.59%	5.65	24.8	1.6	1.7	4.49	1.3
Thin	UG16609	United Genetics	X			2199	2.57%	5.48	24.4	2.0	0.8	4.39	1.0
Thin	N6394	Nunhems	X			606	0.71%	5.16	23.9	2.5	3.6	4.55	3.0
Thin	H1161	Heinz				369	0.43%	5.46	26.0	2.3	0.6	4.38	1.3
Thin	HMX4884	Harris Moran	X			304	0.36%	5.42	25.6	3.2	0.2	4.44	1.9
Thin	BQ205	Woodbridge				266	0.31%	5.81	25.1	1.9	2.2	4.39	3.5
Thin	BQ206	Woodbridge				227	0.27%	6.03	25.2	1.5	1.1	4.33	0.4
Thin	SVTM1082	Seminis	X	X		215	0.25%	5.40	25.6	1.1	1.3	4.37	1.3
Thin	N6407	Nunhems	X		X	161	0.19%	5.87	24.2	1.0	1.0	4.34	1.5
Thin	LIKPBOL	United Genetics				68	0.08%	4.92	28.7	1.0	0.7	4.35	8.9
Thin	BQ163	Woodbridge				45	0.05%	4.83	26.0	1.8	1.2	4.42	3.9
Thin	HM4326	Harris Moran	X			20	0.02%	5.75	26.4	1.3	1.5	4.33	1.4
Thin	HMX61P5293	Harris Moran	X			5	0.01%	5.78	24.4	3.4	2.2	4.39	0.2
Thin	AB2	Seminis				1	0.00%	6.10	25.0	2.0	4.0	4.29	2.5
Thin Total						85,428	100.00%	5.65	24.4	2.1	2.0	4.44	1.3
Intermediate	HM3887	Harris Moran	X			30,592	30.98%	5.47	25.8	1.4	2.4	4.49	2.2
Intermediate	HM1892	Harris Moran			X	11,167	11.31%	5.34	24.9	1.6	1.6	4.52	1.3
Intermediate	HM4909	Harris Moran	X			10,198	10.33%	5.57	25.6	1.1	2.3	4.35	1.2
Intermediate	UG19406	United Genetics			X	8,166	8.27%	5.41	25.1	0.8	2.2	4.36	1.3
Intermediate	N6428	Nunhems	X	X	X	4,960	5.02%	4.92	25.5	1.1	2.5	4.48	1.9
Intermediate	SV8011TM	Seminis	X			4,859	4.92%	5.26	24.6	0.9	2.6	4.47	2.2
Intermediate	HM3888	Harris Moran	X		X	3,945	3.99%	5.22	26.1	0.8	1.3	4.50	1.0
Intermediate	HM9905	Harris Moran			X	3,909	3.96%	5.07	24.6	0.6	1.0	4.47	0.8
Intermediate	BP16	BHN Seed	X	X		2,665	2.70%	5.44	26.6	1.0	2.2	4.48	4.2
Intermediate	SV2493TM	Seminis	X	X		1,931	1.96%	4.97	23.9	2.4	4.3	4.49	1.9
Intermediate	BQ141	Woodbridge	X	X		1,768	1.79%	4.88	24.5	2.6	2.0	4.50	6.5

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Category	Variety	Supplier	TSW	F3	EFS	Total Loads	% of Loads	Solids	Color	LU	Mold	pH	Green
Intermediate	N6429	Nunhems	X	X	X	1,342	1.36%	5.00	25.9	1.4	2.1	4.51	1.2
Intermediate	HM58841	Harris Moran	X		X	1,196	1.21%	5.43	24.9	0.7	2.3	4.46	1.2
Intermediate	BP32	BHN Seed	X	X	X	1,044	1.06%	5.20	26.1	1.5	2.9	4.48	2.8
Intermediate	HP849	Seminis			X	1,000	1.01%	5.13	25.8	0.5	1.3	4.35	1.4
Intermediate	N6404	Nunhems	X			922	0.93%	4.99	25.4	1.7	5.2	4.55	0.8
Intermediate	CXD255	Harris Moran				902	0.91%	5.07	25.8	1.4	1.8	4.39	1.4
Intermediate	HM58801	Harris Moran	X	X		899	0.91%	5.48	25.5	1.3	2.6	4.50	2.3
Intermediate	HM58871	Harris Moran	X			889	0.90%	5.55	25.1	0.6	3.5	4.40	1.3
Intermediate	IVF5234	Seeds of Solution				803	0.81%	5.65	23.2	1.3	1.1	4.33	0.9
Intermediate	H9491	Heinz				785	0.79%	4.63	25.0	4.6	1.2	4.49	1.5
Intermediate	H1170	Heinz			X	647	0.66%	5.20	23.8	1.2	1.3	4.46	0.4
Intermediate	BP2	BHN Seed	X	X		540	0.55%	4.94	24.9	0.4	1.8	4.55	1.1
Intermediate	H9780	Heinz			X	530	0.54%	5.59	23.4	1.2	1.2	4.40	1.2
Intermediate	HM4886	Harris Moran	X			493	0.50%	5.79	24.4	1.7	3.0	4.48	1.0
Intermediate	SV8232TM	Seminis	X	X		431	0.44%	5.29	23.6	5.1	3.4	4.56	1.4
Intermediate	UG9436	United Genetics				376	0.38%	5.23	24.3	2.0	1.1	4.47	1.5
Intermediate	N6410	Nunhems			X	341	0.35%	5.11	26.4	1.6	4.8	4.53	1.7
Intermediate	N6434	Nunhems	X	X	X	338	0.34%	5.18	25.7	1.2	3.7	4.47	2.2
Intermediate	HM5235	Harris Moran	X	X		294	0.30%	5.50	24.1	1.4	2.5	4.44	1.1
Intermediate	SV8516TM	Seminis	X			213	0.22%	4.79	24.5	2.4	3.3	4.45	0.4
Intermediate	BOS811	Orsetti	X			149	0.15%	5.53	22.9	0.9	1.5	4.45	0.7
Intermediate	H1421	Heinz	X	X		149	0.15%	5.10	23.8	3.3	2.7	4.45	0.8
Intermediate	UG19306	United Genetics			X	80	0.08%	5.19	23.5	1.4	1.9	4.44	1.1
Intermediate	SVTM7791	Seminis	X			69	0.07%	5.73	24.4	1.6	4.7	4.56	0.9
Intermediate	ISI22693	ISI Sementi	X			43	0.04%	5.14	23.4	1.0	3.6	4.60	1.0
Intermediate	Lycomech	United Genetics				33	0.03%	4.52	27.0	0.5	0.8	4.38	3.0
Intermediate	BOS2349	Orsetti	X		X	19	0.02%	5.27	24.3	1.9	3.3	4.43	1.2
Intermediate	BQ402	Woodbridge	X			17	0.02%	5.58	24.5	1.2	1.6	4.50	0.6
Intermediate	K2930	Keithly Williams				11	0.01%	5.55	24.6	1.8	0.5	4.57	1.4
Intermediate	HMX3885	Harris Moran	X			11	0.01%	5.41	26.3	0.7	0.9	4.49	0.5
Intermediate	PS650	Seminis			X	7	0.01%	5.61	25.3	1.9	2.5	4.51	0.4
Intermediate	H8892	Heinz				6	0.01%	5.92	25.0	1.0	1.3	4.52	1.3
Intermediate	BP26	BHN Seed	X	X		4	0.00%	4.68	23.8	1.0	4.3	4.57	1.5
Intermediate	BOS3842	Orsetti	X			3	0.00%	5.03	24.7	0.5	7.3	4.58	0.0
Intermediate	BP24	BHN Seed	X	X		2	0.00%	5.60	24.5	0.8	1.5	4.46	0.0
Intermediate	BQ329	Woodbridge	X			2	0.00%	6.15	24.0	6.8	3.5	4.50	1.8
Intermediate	HM5522	Harris Moran	X			2	0.00%	5.95	23.0	2.5	4.0	4.47	0.3
Intermediate	H1770	Heinz	X	X		1	0.00%	5.00	28.0	5.5	6.5	4.54	2.5
Intermediate	BP20	BHN Seed	X	X		1	0.00%	5.90	23.0	9.0	2.5	4.48	0.0
Intermediate	HM4521	Harris Moran	X		X	1	0.00%	5.10	24.0	0.0	1.0	4.27	1.0
Intermediate	HMX4887	Harris Moran		X		1	0.00%	5.10	0.0	1.0	0.5	4.26	0.5
Intermediate Total						98,756	100.00%	5.34	25.3	1.3	2.2	4.46	1.8
Thick	N6415	Nunhems	X		X	23,280	14.85%	5.07	25.0	1.2	3.2	4.47	1.8
Thick	H2401	Heinz			X	21,883	13.96%	5.00	25.1	1.2	3.0	4.42	2.9
Thick	H4707	Heinz			X	18,767	11.97%	4.98	25.3	0.8	2.0	4.47	3.0
Thick	HM4885	Harris Moran	X		X	18,450	11.77%	5.18	24.6	0.9	2.6	4.43	1.3
Thick	H5608	Heinz	X			18,272	11.66%	4.98	24.1	1.1	1.4	4.48	1.7
Thick	SV2756TM	Seminis	X		X	11,481	7.33%	5.08	26.0	1.1	2.1	4.52	1.7
Thick	H1428	Heinz	X		X	10,819	6.90%	4.92	23.9	0.8	2.5	4.49	3.1
Thick	H5702	Heinz			X	9,537	6.09%	4.98	23.8	0.6	1.8	4.47	3.6
Thick	H8504	Heinz			X	5,562	3.55%	4.90	26.0	0.8	2.3	4.38	2.1
Thick	H9663	Heinz				4,367	2.79%	4.88	23.8	3.1	4.3	4.49	2.7
Thick	H5508	Heinz	X		X	3,609	2.30%	4.66	24.8	0.4	3.6	4.45	1.4
Thick	H1310	Heinz	X	X		2,213	1.41%	5.11	25.2	0.7	2.7	4.52	6.4

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Category	Variety	Supplier	TSW	F3	EFS	Total Loads	% of Loads	Solids	Color	LU	Mold	pH	Green
Thick	H5706	Heinz				1,730	1.10%	4.98	24.5	0.6	0.9	4.44	2.8
Thick	H5701	Heinz			X	1,045	0.67%	4.76	24.7	0.5	2.5	4.41	5.1
Thick	UG15212	United Genetics	X		X	864	0.55%	4.89	25.0	0.9	1.9	4.45	1.0
Thick	N6426	Nunhems	X		X	769	0.49%	5.07	23.1	1.1	2.9	4.46	1.4
Thick	UG16112	United Genetics	X		X	713	0.45%	5.02	25.5	0.6	1.7	4.42	1.2
Thick	H1422	Heinz		X	X	668	0.43%	5.36	26.0	1.1	1.4	4.47	6.8
Thick	H1175	Heinz			X	638	0.41%	4.90	23.6	1.3	1.5	4.66	0.3
Thick	HM58811	Harris Moran	X		X	582	0.37%	5.17	25.7	0.6	1.5	4.48	1.2
Thick	BP25	BHN Seed	X	X		422	0.27%	4.98	25.0	0.9	2.1	4.49	6.6
Thick	SVTM2303	Seminis	X			265	0.17%	5.37	22.7	1.0	1.9	4.41	1.0
Thick	SVTM5655	Seminis	X			258	0.16%	5.37	26.0	1.1	1.7	4.45	0.5
Thick	Misc	Heinz				136	0.09%	5.17	24.7	1.2	7.6	4.52	1.8
Thick	SV6133TM	Seminis	X			125	0.08%	5.41	26.2	0.2	0.6	4.38	2.0
Thick	CXD282	Harris Moran		X		91	0.06%	5.24	24.3	0.6	1.8	4.38	0.8
Thick	H1311VHL™	Heinz			X	57	0.04%	5.69	23.9	1.8	1.7	4.47	0.7
Thick	H1659	Heinz	X	X		54	0.03%	5.03	26.0	3.4	2.7	4.52	1.9
Thick	H1662	Heinz	X	X		24	0.02%	4.99	25.4	1.5	3.0	4.50	1.7
Thick	H1775	Heinz	X			19	0.01%	4.83	29.7	0.7	1.7	4.46	2.2
Thick	H1776	Heinz	X			9	0.01%	5.11	25.0	0.7	1.1	4.35	2.0
Thick	BP29	BHN Seed	X	X		8	0.01%	4.85	23.7	1.4	3.0	4.52	0.7
Thick	BOS9015	Orsetti	X		X	1	0.00%	6.30	26.0	1.0	0.0	4.27	0.5
Thick	H1772	Heinz	X	X	X	1	0.00%	5.10	30.0	1.0	6.5	4.40	5.0
Thick Total						156,719	100.00%	5.02	24.8	1.0	2.5	4.46	2.4
Pear	H1293	Heinz	X			5,251	38.11%	5.53	23.7	1.4	1.7	4.55	1.4
Pear	HM7885	Harris Moran			X	3,679	26.70%	4.90	25.8	1.0	1.8	4.61	0.8
Pear	N6420	Nunhems	X			2,948	21.40%	5.06	25.3	1.5	2.1	4.51	1.2
Pear	H1292	Heinz	X			1,844	13.38%	5.38	24.1	1.9	0.8	4.53	1.0
Pear	HP108	Seminis				51	0.37%	5.44	24.5	2.1	1.0	4.52	1.4
Pear	HMX8163	Harris Moran	X			5	0.04%	5.72	0.0	0.4	1.7	4.61	0.9
Pear Total						13,778	100.00%	5.24	24.6	1.4	1.7	4.55	1.1
Misc Total						1,131	100.00%	5.40	24.5	1.3	2.9	4.46	1.9
STATEWIDE	ALL					415,358	100.00%	5.26	24.9	1.4	2.0	4.45	1.8

Note: Thin Viscosity - Predicted Paste Bostwick > 4.99, Intermediate Viscosity - Predicted Paste Bostwick 3.26 - 4.99, Thick Viscosity - Predicted Paste Bostwick < 3.26

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Supplier Detail

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Supplier	Variety	Category	TSW	F3	EFS	Total Loads	% of Loads	Solids	Color	LU	Mold	pH	Green
BHN Seed	BP16	Intermediate	X	X		2,665	39.67%	5.44	26.6	1.0	2.2	4.48	4.2
BHN Seed	BP13	Early	X	X		2,032	30.25%	5.07	25.3	0.9	0.6	4.43	3.9
BHN Seed	BP32	Intermediate	X	X	X	1,044	15.54%	5.20	26.1	1.5	2.9	4.48	2.8
BHN Seed	BP2	Intermediate	X	X		540	8.04%	4.94	24.9	0.4	1.8	4.55	1.1
BHN Seed	BP25	Thick	X	X		422	6.28%	4.98	25.0	0.9	2.1	4.49	6.6
BHN Seed	BP29	Thick	X	X		8	0.12%	4.85	23.7	1.4	3.0	4.52	0.7
BHN Seed	BP26	Intermediate	X	X		4	0.06%	4.68	23.8	1.0	4.3	4.57	1.5
BHN Seed	BP24	Intermediate	X	X		2	0.03%	5.60	24.5	0.8	1.5	4.46	0.0
BHN Seed	BP20	Intermediate	X	X		1	0.01%	5.90	23.0	9.0	2.5	4.48	0.0
BHN SEED TOTAL						6,718	100.00%	5.22	25.9	1.0	1.8	4.47	3.8
Harris Moran	HM3887	Intermediate	X			30,592	32.34%	5.47	25.8	1.4	2.4	4.49	2.2
Harris Moran	HM4885	Thick	X		X	18,450	19.51%	5.18	24.6	0.9	2.6	4.43	1.3
Harris Moran	HM1892	Intermediate			X	11,167	11.81%	5.34	24.9	1.6	1.6	4.52	1.3
Harris Moran	HM4909	Intermediate	X			10,198	10.78%	5.57	25.6	1.1	2.3	4.35	1.2
Harris Moran	HM3888	Intermediate	X		X	3,945	4.17%	5.22	26.1	0.8	1.3	4.50	1.0
Harris Moran	HM9905	Intermediate			X	3,909	4.13%	5.07	24.6	0.6	1.0	4.47	0.8
Harris Moran	HM5900	Early	X			3,880	4.10%	5.54	24.9	2.0	0.9	4.39	1.7
Harris Moran	HM7885	Pear			X	3,679	3.89%	4.90	25.8	1.0	1.8	4.61	0.8
Harris Moran	Shasta	Early				1,829	1.93%	5.27	27.3	2.4	0.4	4.31	0.8
Harris Moran	HM58841	Intermediate	X		X	1,196	1.26%	5.43	24.9	0.7	2.3	4.46	1.2
Harris Moran	CXD187	Early				1,176	1.24%	4.85	25.5	1.5	0.8	4.41	1.1
Harris Moran	CXD255	Intermediate				902	0.95%	5.07	25.8	1.4	1.8	4.39	1.4
Harris Moran	HM58801	Intermediate	X	X		899	0.95%	5.48	25.5	1.3	2.6	4.50	2.3
Harris Moran	HM58871	Intermediate	X			889	0.94%	5.55	25.1	0.6	3.5	4.40	1.3
Harris Moran	HM58811	Thick	X		X	582	0.62%	5.17	25.7	0.6	1.5	4.48	1.2
Harris Moran	HM4886	Intermediate	X			493	0.52%	5.79	24.4	1.7	3.0	4.48	1.0
Harris Moran	HMX4884	Thin	X			304	0.32%	5.42	25.6	3.2	0.2	4.44	1.9
Harris Moran	HM5235	Intermediate	X	X		294	0.31%	5.50	24.1	1.4	2.5	4.44	1.1
Harris Moran	CXD282	Thick		X		91	0.10%	5.24	24.3	0.6	1.8	4.38	0.8
Harris Moran	HM1893	Early	X			55	0.06%	5.23	26.0	3.8	0.6	4.30	0.3
Harris Moran	HM4326	Thin	X			20	0.02%	5.75	26.4	1.3	1.5	4.33	1.4
Harris Moran	HMX3885	Intermediate	X			11	0.01%	5.41	26.3	0.7	0.9	4.49	0.5
Harris Moran	HM58881	Early	X			7	0.01%	5.04	23.7	0.7	1.7	4.54	0.3
Harris Moran	HMX8163	Pear	X			5	0.01%	5.72	0.0	0.4	1.7	4.61	0.9
Harris Moran	HMX61P5293	Thin	X			5	0.01%	5.78	24.4	3.4	2.2	4.39	0.2
Harris Moran	HM5522	Intermediate	X			2	0.00%	5.95	23.0	2.5	4.0	4.47	0.3
Harris Moran	HM4521	Intermediate	X		X	1	0.00%	5.10	24.0	0.0	1.0	4.27	1.0
Harris Moran	HMX4887	Intermediate		X		1	0.00%	5.10	0.0	1.0	0.5	4.26	0.5
HARRIS MORAN TOTAL						94,582	100.00%	5.35	25.3	1.3	2.1	4.46	1.5
Heinz	H2401	Thick			X	21,883	19.43%	5.00	25.1	1.2	3.0	4.42	2.9
Heinz	H4707	Thick			X	18,767	16.67%	4.98	25.3	0.8	2.0	4.47	3.0
Heinz	H5608	Thick	X			18,272	16.23%	4.98	24.1	1.1	1.4	4.48	1.7
Heinz	H1428	Thick	X		X	10,819	9.61%	4.92	23.9	0.8	2.5	4.49	3.1
Heinz	H5702	Thick			X	9,537	8.47%	4.98	23.8	0.6	1.8	4.47	3.6
Heinz	H8504	Thick			X	5,562	4.94%	4.90	26.0	0.8	2.3	4.38	2.1
Heinz	H1293	Pear	X			5,251	4.66%	5.53	23.7	1.4	1.7	4.55	1.4
Heinz	H9663	Thick				4,367	3.88%	4.88	23.8	3.1	4.3	4.49	2.7
Heinz	H5508	Thick	X		X	3,609	3.21%	4.66	24.8	0.4	3.6	4.45	1.4
Heinz	H1015	Early			X	3,374	3.00%	5.22	24.0	0.7	0.5	4.48	2.9
Heinz	H1310	Thick	X	X		2,213	1.97%	5.11	25.2	0.7	2.7	4.52	6.4
Heinz	H1292	Pear	X			1,844	1.64%	5.38	24.1	1.9	0.8	4.53	1.0
Heinz	H5706	Thick				1,730	1.54%	4.98	24.5	0.6	0.9	4.44	2.8

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Heinz	H5701	Thick			X	1,045	0.93%	4.76	24.7	0.5	2.5	4.41	5.1
Heinz	H9491	Intermediate				785	0.70%	4.63	25.0	4.6	1.2	4.49	1.5
Heinz	H1422	Thick		X	X	668	0.59%	5.36	26.0	1.1	1.4	4.47	6.8
Heinz	H1170	Intermediate			X	647	0.57%	5.20	23.8	1.2	1.3	4.46	0.4
Heinz	H1175	Thick			X	638	0.57%	4.90	23.6	1.3	1.5	4.66	0.3
Heinz	H9780	Intermediate			X	530	0.47%	5.59	23.4	1.2	1.2	4.40	1.2
Heinz	H1161	Thin				369	0.33%	5.46	26.0	2.3	0.6	4.38	1.3
Heinz	H5003	Early				237	0.21%	5.00	24.2	4.1	0.3	4.46	1.7
Heinz	H1421	Intermediate	X	X		149	0.13%	5.10	23.8	3.3	2.7	4.45	0.8
Heinz	Misc	Thick				136	0.12%	5.17	24.7	1.2	7.6	4.52	1.8
Heinz	H1311VHL™	Thick			X	57	0.05%	5.69	23.9	1.8	1.7	4.47	0.7
Heinz	H1659	Thick	X	X		54	0.05%	5.03	26.0	3.4	2.7	4.52	1.9
Heinz	H1662	Thick	X	X		24	0.02%	4.99	25.4	1.5	3.0	4.50	1.7
Heinz	H1775	Thick	X			19	0.02%	4.83	29.7	0.7	1.7	4.46	2.2
Heinz	H1776	Thick	X			9	0.01%	5.11	25.0	0.7	1.1	4.35	2.0
Heinz	H8892	Intermediate				6	0.01%	5.92	25.0	1.0	1.3	4.52	1.3
Heinz	H1765	Early	X			2	0.00%	4.85	23.0	1.5	1.3	4.39	0.8
Heinz	H1770	Intermediate	X	X		1	0.00%	5.00	28.0	5.5	6.5	4.54	2.5
Heinz	H1772	Thick	X	X	X	1	0.00%	5.10	30.0	1.0	6.5	4.40	5.0
HEINZ TOTAL						112,605	100.00%	5.01	24.6	1.1	2.2	4.47	2.7
ISI Sementi	ISI22693	Intermediate	X			43	100.00%	5.14	23.4	1.0	3.6	4.60	1.0
ISI SEMENTI TOTAL						43	100.00%	5.14	23.4	1.0	3.6	4.60	1.0
Keithly Williams	K2930	Intermediate				11	91.67%	5.55	24.6	1.8	0.5	4.57	1.4
Keithly Williams	K2693	Early				1	8.33%	5.50	22.0	3.5	0.5	4.52	0.0
KEITHLY WILLIAMS TOTAL						12	100.00%	5.55	24.4	2.0	0.5	4.56	1.2
Nunhems	N6415	Thick	X		X	23,280	33.37%	5.07	25.0	1.2	3.2	4.47	1.8
Nunhems	N6366	Thin				17,750	25.44%	5.40	24.9	2.3	1.0	4.48	1.1
Nunhems	N6416	Early	X			9,320	13.36%	4.94	25.3	1.5	0.5	4.37	1.1
Nunhems	N6428	Intermediate	X	X	X	4,960	7.11%	4.92	25.5	1.1	2.5	4.48	1.9
Nunhems	N6402	Thin	X			4,774	6.84%	5.65	24.8	1.6	1.7	4.49	1.3
Nunhems	N6420	Pear	X			2,948	4.23%	5.06	25.3	1.5	2.1	4.51	1.2
Nunhems	N6397	Early				1,792	2.57%	5.31	24.6	1.6	0.7	4.49	1.3
Nunhems	N6429	Intermediate	X	X	X	1,342	1.92%	5.00	25.9	1.4	2.1	4.51	1.2
Nunhems	N6404	Intermediate	X			922	1.32%	4.99	25.4	1.7	5.2	4.55	0.8
Nunhems	N6426	Thick	X		X	769	1.10%	5.07	23.1	1.1	2.9	4.46	1.4
Nunhems	N6394	Thin	X			606	0.87%	5.16	23.9	2.5	3.6	4.55	3.0
Nunhems	N6410	Intermediate			X	341	0.49%	5.11	26.4	1.6	4.8	4.53	1.7
Nunhems	N6434	Intermediate	X	X	X	338	0.48%	5.18	25.7	1.2	3.7	4.47	2.2
Nunhems	U373	Early				236	0.34%	5.20	23.7	4.4	0.9	4.51	0.5
Nunhems	N6436	Early	X			232	0.33%	5.32	24.5	1.7	1.9	4.50	0.9
Nunhems	N6407	Thin	X		X	161	0.23%	5.87	24.2	1.0	1.0	4.34	1.5
NUNHEMS TOTAL						69,771	100.00%	5.17	25.0	1.6	2.0	4.47	1.4
Orsetti	BOS811	Intermediate	X			149	73.76%	5.53	22.9	0.9	1.5	4.45	0.7
Orsetti	BOS66509	Early				30	14.85%	5.52	26.4	0.8	0.2	4.35	0.8
Orsetti	BOS2349	Intermediate	X		X	19	9.41%	5.27	24.3	1.9	3.3	4.43	1.2
Orsetti	BOS3842	Intermediate	X			3	1.49%	5.03	24.7	0.5	7.3	4.58	0.0
Orsetti	BOS9015	Thick	X		X	1	0.50%	6.30	26.0	1.0	0.0	4.27	0.5
ORSETTI TOTAL						202	100.00%	5.50	23.6	1.0	1.6	4.44	0.8
Seeds of Solution	IVF5234	Intermediate				803	100.00%	5.65	23.2	1.3	1.1	4.33	0.9
SEEDS OF SOLUTION TOTAL						803	100.00%	5.65	23.2	1.3	1.1	4.33	0.9
Seminis	DRI319	Thin	X			31,039	38.33%	5.70	24.6	2.4	2.3	4.44	1.3
Seminis	AB0311	Thin	X			27,379	33.81%	5.77	23.7	1.8	2.4	4.41	1.3

2017 California Processing Tomato

Supplier Detail

Based on Final PTAB

Supplier	Variety	Category	TSW	F3	EFS	Total Loads	% of Loads	Solids	Color	LU	Mold	pH	Green
Seminis	SV2756TM	Thick	X		X	11,481	14.18%	5.08	26.0	1.1	2.1	4.52	1.7
Seminis	SV8011TM	Intermediate	X			4,859	6.00%	5.26	24.6	0.9	2.6	4.47	2.2
Seminis	SV2493TM	Intermediate	X	X		1,931	2.38%	4.97	23.9	2.4	4.3	4.49	1.9
Seminis	HP849	Intermediate			X	1,000	1.23%	5.13	25.8	0.5	1.3	4.35	1.4
Seminis	APT410	Early				932	1.15%	5.04	26.2	2.0	0.4	4.37	2.0
Seminis	SV0599TM	Early				583	0.72%	5.39	27.3	0.9	0.4	4.39	0.7
Seminis	SV8232TM	Intermediate	X	X		431	0.53%	5.29	23.6	5.1	3.4	4.56	1.4
Seminis	SVTM2303	Thick	X			265	0.33%	5.37	22.7	1.0	1.9	4.41	1.0
Seminis	SVTM5655	Thick	X			258	0.32%	5.37	26.0	1.1	1.7	4.45	0.5
Seminis	SVTM1082	Thin	X	X		215	0.27%	5.40	25.6	1.1	1.3	4.37	1.3
Seminis	SV8516TM	Intermediate	X			213	0.26%	4.79	24.5	2.4	3.3	4.45	0.4
Seminis	SVTM2828	Early	X			143	0.18%	5.39	25.5	1.6	0.9	4.47	0.7
Seminis	SV6133TM	Thick	X			125	0.15%	5.41	26.2	0.2	0.6	4.38	2.0
Seminis	SVTM7791	Intermediate	X			69	0.09%	5.73	24.4	1.6	4.7	4.56	0.9
Seminis	HP108	Pear				51	0.06%	5.44	24.5	2.1	1.0	4.52	1.4
Seminis	PS650	Intermediate			X	7	0.01%	5.61	25.3	1.9	2.5	4.51	0.4
Seminis	AB2	Thin				1	0.00%	6.10	25.0	2.0	4.0	4.29	2.5
SEMINIS TOTAL						80,982	100.00%	5.57	24.5	1.9	2.3	4.44	1.4
United Genetics	UG19406	Intermediate			X	8,166	65.33%	5.41	25.1	0.8	2.2	4.36	1.3
United Genetics	UG16609	Thin	X			2,199	17.59%	5.48	24.4	2.0	0.8	4.39	1.0
United Genetics	UG15212	Thick	X		X	864	6.91%	4.89	25.0	0.9	1.9	4.45	1.0
United Genetics	UG16112	Thick	X		X	713	5.70%	5.02	25.5	0.6	1.7	4.42	1.2
United Genetics	UG9436	Intermediate				376	3.01%	5.23	24.3	2.0	1.1	4.47	1.5
United Genetics	UG19306	Intermediate			X	80	0.64%	5.19	23.5	1.4	1.9	4.44	1.1
United Genetics	LIKPBOL	Thin				68	0.54%	4.92	28.7	1.0	0.7	4.35	8.9
United Genetics	Lycomech	Intermediate				33	0.26%	4.52	27.0	0.5	0.8	4.38	3.0
UNITED GENETICS TOTAL						12,499	100.00%	5.35	5.4	5.4	5.4	5.35	5.4
Woodbridge	BQ273	Early	X			28,996	80.52%	5.25	25.1	1.4	0.5	4.39	1.4
Woodbridge	BQ400	Early	X			3,818	10.60%	5.19	23.5	0.9	0.4	4.43	0.9
Woodbridge	BQ141	Intermediate	X	X		1,768	4.91%	4.88	24.5	2.6	2.0	4.50	6.5
Woodbridge	BQ403	Early	X			852	2.37%	5.40	24.9	1.4	0.4	4.32	2.1
Woodbridge	BQ205	Thin				266	0.74%	5.81	25.1	1.9	2.2	4.39	3.5
Woodbridge	BQ206	Thin				227	0.63%	6.03	25.2	1.5	1.1	4.33	0.4
Woodbridge	BQ163	Thin				45	0.12%	4.83	26.0	1.8	1.2	4.42	3.9
Woodbridge	BQ401	Early	X			19	0.05%	5.03	27.0	2.2	1.8	4.49	0.8
Woodbridge	BQ402	Intermediate	X			17	0.05%	5.58	24.5	1.2	1.6	4.50	0.6
Woodbridge	BQ329	Intermediate	X			2	0.01%	6.15	24.0	6.8	3.5	4.50	1.8
WOODBIDGE TOTAL						36,010	100.00%	5.23	24.9	1.4	0.6	4.40	1.6
MISC TOTAL						1,131	100.00%	5.40	24.5	1.3	2.9	4.46	1.9
ALL	ALL	ALL				415,358	100.00%	5.26	24.9	1.4	2.0	4.45	1.8

Note: Thin Viscosity - Predicted Paste Bostwick > 4.99, Intermediate Viscosity - Predicted Paste Bostwick 3.26 - 4.99, Thick Viscosity - Predicted Paste Bostwick < 3.26

2017 California Processing Tomato

Solids Sort (High to Low) > 1,000 Loads

Based on Final PTAB

Variety	Supplier	Use Category	TSW	F3	EFS	Total Loads	Solids	Color	LU	Mold	pH	Green
AB0311	Seminis	Thin	X			27,379	5.77	23.7	1.8	2.4	4.41	1.3
DRI319	Seminis	Thin	X			31,039	5.70	24.6	2.4	2.3	4.44	1.3
N6402	Nunhems	Thin	X			4,774	5.65	24.8	1.6	1.7	4.49	1.3
HM4909	Harris Moran	Intermediate	X			10,198	5.57	25.6	1.1	2.3	4.35	1.2
HM5900	Harris Moran	Early	X			3,880	5.54	24.9	2.0	0.9	4.39	1.7
H1293	Heinz	Pear	X			5,251	5.53	23.7	1.4	1.7	4.55	1.4
UG16609	United Genetics	Thin	X			2,199	5.48	24.4	2.0	0.8	4.39	1.0
HM3887	Harris Moran	Intermediate	X			30,592	5.47	25.8	1.4	2.4	4.49	2.2
BP16	BHN Seed	Intermediate	X	X		2,665	5.44	26.6	1.0	2.2	4.48	4.2
HM58841	Harris Moran	Intermediate	X		X	1,196	5.43	24.9	0.7	2.3	4.46	1.2
UG19406	United Genetics	Intermediate			X	8,166	5.41	25.1	0.8	2.2	4.36	1.3
N6366	Nunhems	Thin				17,750	5.40	24.9	2.3	1.0	4.48	1.1
H1292	Heinz	Pear	X			1,844	5.38	24.1	1.9	0.8	4.53	1.0
HM1892	Harris Moran	Intermediate			X	11,167	5.34	24.9	1.6	1.6	4.52	1.3
N6397	Nunhems	Early				1,792	5.31	24.6	1.6	0.7	4.49	1.3
Shasta	Harris Moran	Early				1,829	5.27	27.3	2.4	0.4	4.31	0.8
SV8011TM	Seminis	Intermediate	X			4,859	5.26	24.6	0.9	2.6	4.47	2.2
BQ273	Woodbridge	Early	X			28,996	5.25	25.1	1.4	0.5	4.39	1.4
H1015	Heinz	Early			X	3,374	5.22	24.0	0.7	0.5	4.48	2.9
HM3888	Harris Moran	Intermediate	X		X	3,945	5.22	26.1	0.8	1.3	4.50	1.0
BP32	BHN Seed	Intermediate	X	X	X	1,044	5.20	26.1	1.5	2.9	4.48	2.8
BQ400	Woodbridge	Early	X			3,818	5.19	23.5	0.9	0.4	4.43	0.9
HM4885	Harris Moran	Thick	X		X	18,450	5.18	24.6	0.9	2.6	4.43	1.3
HP849	Seminis	Intermediate			X	1,000	5.13	25.8	0.5	1.3	4.35	1.4
H1310	Heinz	Thick	X	X		2,213	5.11	25.2	0.7	2.7	4.52	6.4
SV2756TM	Seminis	Thick	X		X	11,481	5.08	26.0	1.1	2.1	4.52	1.7
BP13	BHN Seed	Early	X	X		2,032	5.07	25.3	0.9	0.6	4.43	3.9
N6415	Nunhems	Thick	X		X	23,280	5.07	25.0	1.2	3.2	4.47	1.8
HM9905	Harris Moran	Intermediate			X	3,909	5.07	24.6	0.6	1.0	4.47	0.8
N6420	Nunhems	Pear	X			2,948	5.06	25.3	1.5	2.1	4.51	1.2
N6429	Nunhems	Intermediate	X	X	X	1,342	5.00	25.9	1.4	2.1	4.51	1.2
H2401	Heinz	Thick			X	21,883	5.00	25.1	1.2	3.0	4.42	2.9
H4707	Heinz	Thick			X	18,767	4.98	25.3	0.8	2.0	4.47	3.0
H5608	Heinz	Thick	X			18,272	4.98	24.1	1.1	1.4	4.48	1.7
H5702	Heinz	Thick			X	9,537	4.98	23.8	0.6	1.8	4.47	3.6
H5706	Heinz	Thick				1,730	4.98	24.5	0.6	0.9	4.44	2.8
SV2493TM	Seminis	Intermediate	X	X		1,931	4.97	23.9	2.4	4.3	4.49	1.9
N6416	Nunhems	Early	X			9,320	4.94	25.3	1.5	0.5	4.37	1.1
N6428	Nunhems	Intermediate	X	X	X	4,960	4.92	25.5	1.1	2.5	4.48	1.9
H1428	Heinz	Thick	X		X	10,819	4.92	23.9	0.8	2.5	4.49	3.1
HM7885	Harris Moran	Pear			X	3,679	4.90	25.8	1.0	1.8	4.61	0.8
H8504	Heinz	Thick			X	5,562	4.90	26.0	0.8	2.3	4.38	2.1
H9663	Heinz	Thick				4,367	4.88	23.8	3.1	4.3	4.49	2.7
BQ141	Woodbridge	Intermediate	X	X		1,768	4.88	24.5	2.6	2.0	4.50	6.5
CXD187	Harris Moran	Early				1,176	4.85	25.5	1.5	0.8	4.41	1.1
H5701	Heinz	Thick			X	1,045	4.76	24.7	0.5	2.5	4.41	5.1
H5508	Heinz	Thick	X		X	3,609	4.66	24.8	0.4	3.6	4.45	1.4

Note: Thin Viscosity - Predicted Paste Bostwick > 4.99, Intermediate Viscosity - Predicted Paste Bostwick 3.26 - 4.99, Thick Viscosity - Predicted Paste Bostwick < 3.26

2017 California Processing Tomato

Color Sort (Low to High) > 1,000 Loads

Based on Final PTAB

Variety	Supplier	Use Category	TSW	F3	EFS	Total Loads	Solids	Color	LU	Mold	pH	Green
BQ400	Woodbridge	Early	X			3,818	5.19	23.5	0.9	0.4	4.43	0.9
AB0311	Seminis	Thin	X			27,379	5.77	23.7	1.8	2.4	4.41	1.3
H1293	Heinz	Pear	X			5,251	5.53	23.7	1.4	1.7	4.55	1.4
H9663	Heinz	Thick				4,367	4.88	23.8	3.1	4.3	4.49	2.7
H5702	Heinz	Thick			X	9,537	4.98	23.8	0.6	1.8	4.47	3.6
H1428	Heinz	Thick	X		X	10,819	4.92	23.9	0.8	2.5	4.49	3.1
SV2493TM	Seminis	Intermediate	X	X		1,931	4.97	23.9	2.4	4.3	4.49	1.9
H1015	Heinz	Early			X	3,374	5.22	24.0	0.7	0.5	4.48	2.9
H1292	Heinz	Pear	X			1,844	5.38	24.1	1.9	0.8	4.53	1.0
H5608	Heinz	Thick	X			18,272	4.98	24.1	1.1	1.4	4.48	1.7
UG16609	United Genetics	Thin	X			2,199	5.48	24.4	2.0	0.8	4.39	1.0
H5706	Heinz	Thick				1,730	4.98	24.5	0.6	0.9	4.44	2.8
BQ141	Woodbridge	Intermediate	X	X		1,768	4.88	24.5	2.6	2.0	4.50	6.5
SV8011TM	Seminis	Intermediate	X			4,859	5.26	24.6	0.9	2.6	4.47	2.2
HM4885	Harris Moran	Thick	X		X	18,450	5.18	24.6	0.9	2.6	4.43	1.3
N6397	Nunhems	Early				1,792	5.31	24.6	1.6	0.7	4.49	1.3
HM9905	Harris Moran	Intermediate			X	3,909	5.07	24.6	0.6	1.0	4.47	0.8
DR1319	Seminis	Thin	X			31,039	5.70	24.6	2.4	2.3	4.44	1.3
H5701	Heinz	Thick			X	1,045	4.76	24.7	0.5	2.5	4.41	5.1
N6402	Nunhems	Thin	X			4,774	5.65	24.8	1.6	1.7	4.49	1.3
H5508	Heinz	Thick	X		X	3,609	4.66	24.8	0.4	3.6	4.45	1.4
HM1892	Harris Moran	Intermediate			X	11,167	5.34	24.9	1.6	1.6	4.52	1.3
N6366	Nunhems	Thin				17,750	5.40	24.9	2.3	1.0	4.48	1.1
HM58841	Harris Moran	Intermediate	X		X	1,196	5.43	24.9	0.7	2.3	4.46	1.2
HM5900	Harris Moran	Early	X			3,880	5.54	24.9	2.0	0.9	4.39	1.7
N6415	Nunhems	Thick	X		X	23,280	5.07	25.0	1.2	3.2	4.47	1.8
BQ273	Woodbridge	Early	X			28,996	5.25	25.1	1.4	0.5	4.39	1.4
H2401	Heinz	Thick			X	21,883	5.00	25.1	1.2	3.0	4.42	2.9
UG19406	United Genetics	Intermediate			X	8,166	5.41	25.1	0.8	2.2	4.36	1.3
H1310	Heinz	Thick	X	X		2,213	5.11	25.2	0.7	2.7	4.52	6.4
N6420	Nunhems	Pear	X			2,948	5.06	25.3	1.5	2.1	4.51	1.2
N6416	Nunhems	Early	X			9,320	4.94	25.3	1.5	0.5	4.37	1.1
BP13	BHN Seed	Early	X	X		2,032	5.07	25.3	0.9	0.6	4.43	3.9
H4707	Heinz	Thick			X	18,767	4.98	25.3	0.8	2.0	4.47	3.0
N6428	Nunhems	Intermediate	X	X	X	4,960	4.92	25.5	1.1	2.5	4.48	1.9
CXD187	Harris Moran	Early				1,176	4.85	25.5	1.5	0.8	4.41	1.1
HM4909	Harris Moran	Intermediate	X			10,198	5.57	25.6	1.1	2.3	4.35	1.2
HP849	Seminis	Intermediate			X	1,000	5.13	25.8	0.5	1.3	4.35	1.4
HM3887	Harris Moran	Intermediate	X			30,592	5.47	25.8	1.4	2.4	4.49	2.2
HM7885	Harris Moran	Pear			X	3,679	4.90	25.8	1.0	1.8	4.61	0.8
N6429	Nunhems	Intermediate	X	X	X	1,342	5.00	25.9	1.4	2.1	4.51	1.2
H8504	Heinz	Thick			X	5,562	4.90	26.0	0.8	2.3	4.38	2.1
SV2756TM	Seminis	Thick	X		X	11,481	5.08	26.0	1.1	2.1	4.52	1.7
BP32	BHN Seed	Intermediate	X	X	X	1,044	5.20	26.1	1.5	2.9	4.48	2.8
HM3888	Harris Moran	Intermediate	X		X	3,945	5.22	26.1	0.8	1.3	4.50	1.0
BP16	BHN Seed	Intermediate	X	X		2,665	5.44	26.6	1.0	2.2	4.48	4.2
Shasta	Harris Moran	Early				1,829	5.27	27.3	2.4	0.4	4.31	0.8

Note: Thin Viscosity - Predicted Paste Bostwick > 4.99, Intermediate Viscosity - Predicted Paste Bostwick 3.26 - 4.99, Thick Viscosity - Predicted Paste Bostwick < 3.26

2017 California Processing Tomato

Limited Use Sort (Low to High) > 1,000 Loads

Based on Final PTAB

Variety	Supplier	Use Category	TSW	F3	EFS	Total Loads	Solids	Color	LU	Mold	pH	Green
H5508	Heinz	Thick	X		X	3,609	4.66	24.8	0.4	3.6	4.45	1.4
HP849	Seminis	Intermediate			X	1,000	5.13	25.8	0.5	1.3	4.35	1.4
H5701	Heinz	Thick			X	1,045	4.76	24.7	0.5	2.5	4.41	5.1
H5702	Heinz	Thick			X	9,537	4.98	23.8	0.6	1.8	4.47	3.6
H5706	Heinz	Thick				1,730	4.98	24.5	0.6	0.9	4.44	2.8
HM9905	Harris Moran	Intermediate			X	3,909	5.07	24.6	0.6	1.0	4.47	0.8
H1015	Heinz	Early			X	3,374	5.22	24.0	0.7	0.5	4.48	2.9
HM58841	Harris Moran	Intermediate	X		X	1,196	5.43	24.9	0.7	2.3	4.46	1.2
H1310	Heinz	Thick	X	X		2,213	5.11	25.2	0.7	2.7	4.52	6.4
H1428	Heinz	Thick	X		X	10,819	4.92	23.9	0.8	2.5	4.49	3.1
H4707	Heinz	Thick			X	18,767	4.98	25.3	0.8	2.0	4.47	3.0
UG19406	United Genetics	Intermediate			X	8,166	5.41	25.1	0.8	2.2	4.36	1.3
HM3888	Harris Moran	Intermediate	X		X	3,945	5.22	26.1	0.8	1.3	4.50	1.0
H8504	Heinz	Thick			X	5,562	4.90	26.0	0.8	2.3	4.38	2.1
HM4885	Harris Moran	Thick	X		X	18,450	5.18	24.6	0.9	2.6	4.43	1.3
BQ400	Woodbridge	Early	X			3,818	5.19	23.5	0.9	0.4	4.43	0.9
SV8011TM	Seminis	Intermediate	X			4,859	5.26	24.6	0.9	2.6	4.47	2.2
BP13	BHN Seed	Early	X	X		2,032	5.07	25.3	0.9	0.6	4.43	3.9
BP16	BHN Seed	Intermediate	X	X		2,665	5.44	26.6	1.0	2.2	4.48	4.2
HM7885	Harris Moran	Pear			X	3,679	4.90	25.8	1.0	1.8	4.61	0.8
HM4909	Harris Moran	Intermediate	X			10,198	5.57	25.6	1.1	2.3	4.35	1.2
N6428	Nunhems	Intermediate	X	X	X	4,960	4.92	25.5	1.1	2.5	4.48	1.9
H5608	Heinz	Thick	X			18,272	4.98	24.1	1.1	1.4	4.48	1.7
SV2756TM	Seminis	Thick	X		X	11,481	5.08	26.0	1.1	2.1	4.52	1.7
N6415	Nunhems	Thick	X		X	23,280	5.07	25.0	1.2	3.2	4.47	1.8
H2401	Heinz	Thick			X	21,883	5.00	25.1	1.2	3.0	4.42	2.9
N6429	Nunhems	Intermediate	X	X	X	1,342	5.00	25.9	1.4	2.1	4.51	1.2
H1293	Heinz	Pear	X			5,251	5.53	23.7	1.4	1.7	4.55	1.4
HM3887	Harris Moran	Intermediate	X			30,592	5.47	25.8	1.4	2.4	4.49	2.2
BQ273	Woodbridge	Early	X			28,996	5.25	25.1	1.4	0.5	4.39	1.4
CXD187	Harris Moran	Early				1,176	4.85	25.5	1.5	0.8	4.41	1.1
BP32	BHN Seed	Intermediate	X	X	X	1,044	5.20	26.1	1.5	2.9	4.48	2.8
N6416	Nunhems	Early	X			9,320	4.94	25.3	1.5	0.5	4.37	1.1
N6420	Nunhems	Pear	X			2,948	5.06	25.3	1.5	2.1	4.51	1.2
N6397	Nunhems	Early				1,792	5.31	24.6	1.6	0.7	4.49	1.3
HM1892	Harris Moran	Intermediate			X	11,167	5.34	24.9	1.6	1.6	4.52	1.3
N6402	Nunhems	Thin	X			4,774	5.65	24.8	1.6	1.7	4.49	1.3
AB0311	Seminis	Thin	X			27,379	5.77	23.7	1.8	2.4	4.41	1.3
H1292	Heinz	Pear	X			1,844	5.38	24.1	1.9	0.8	4.53	1.0
UG16609	United Genetics	Thin	X			2,199	5.48	24.4	2.0	0.8	4.39	1.0
HM5900	Harris Moran	Early	X			3,880	5.54	24.9	2.0	0.9	4.39	1.7
N6366	Nunhems	Thin				17,750	5.40	24.9	2.3	1.0	4.48	1.1
SV2493TM	Seminis	Intermediate	X	X		1,931	4.97	23.9	2.4	4.3	4.49	1.9
DRI319	Seminis	Thin	X			31,039	5.70	24.6	2.4	2.3	4.44	1.3
Shasta	Harris Moran	Early				1,829	5.27	27.3	2.4	0.4	4.31	0.8
BQ141	Woodbridge	Intermediate	X	X		1,768	4.88	24.5	2.6	2.0	4.50	6.5
H9663	Heinz	Thick				4,367	4.88	23.8	3.1	4.3	4.49	2.7

Note: Thin Viscosity - Predicted Paste Bostwick > 4.99, Intermediate Viscosity - Predicted Paste Bostwick 3.26 - 4.99, Thick Viscosity - Predicted Paste Bostwick < 3.26

2017 California Processing Tomato

Mold Sort (Low to High) > 1,000 Loads

Based on Final PTAB

Variety	Supplier	Use Category	TSW	F3	EFS	Total Loads	Solids	Color	LU	Mold	pH	Green
BQ400	Woodbridge	Early	X			3,818	5.19	23.5	0.9	0.4	4.43	0.9
Shasta	Harris Moran	Early				1,829	5.27	27.3	2.4	0.4	4.31	0.8
N6416	Nunhems	Early	X			9,320	4.94	25.3	1.5	0.5	4.37	1.1
BQ273	Woodbridge	Early	X			28,996	5.25	25.1	1.4	0.5	4.39	1.4
H1015	Heinz	Early			X	3,374	5.22	24.0	0.7	0.5	4.48	2.9
BP13	BHN Seed	Early	X	X		2,032	5.07	25.3	0.9	0.6	4.43	3.9
N6397	Nunhems	Early				1,792	5.31	24.6	1.6	0.7	4.49	1.3
CXD187	Harris Moran	Early				1,176	4.85	25.5	1.5	0.8	4.41	1.1
UG16609	United Genetics	Thin	X			2,199	5.48	24.4	2.0	0.8	4.39	1.0
H1292	Heinz	Pear	X			1,844	5.38	24.1	1.9	0.8	4.53	1.0
H5706	Heinz	Thick				1,730	4.98	24.5	0.6	0.9	4.44	2.8
HM5900	Harris Moran	Early	X			3,880	5.54	24.9	2.0	0.9	4.39	1.7
HM9905	Harris Moran	Intermediate			X	3,909	5.07	24.6	0.6	1.0	4.47	0.8
N6366	Nunhems	Thin				17,750	5.40	24.9	2.3	1.0	4.48	1.1
HM3888	Harris Moran	Intermediate	X		X	3,945	5.22	26.1	0.8	1.3	4.50	1.0
HP849	Seminis	Intermediate			X	1,000	5.13	25.8	0.5	1.3	4.35	1.4
H5608	Heinz	Thick	X			18,272	4.98	24.1	1.1	1.4	4.48	1.7
HM1892	Harris Moran	Intermediate			X	11,167	5.34	24.9	1.6	1.6	4.52	1.3
H1293	Heinz	Pear	X			5,251	5.53	23.7	1.4	1.7	4.55	1.4
N6402	Nunhems	Thin	X			4,774	5.65	24.8	1.6	1.7	4.49	1.3
H5702	Heinz	Thick			X	9,537	4.98	23.8	0.6	1.8	4.47	3.6
HM7885	Harris Moran	Pear			X	3,679	4.90	25.8	1.0	1.8	4.61	0.8
H4707	Heinz	Thick			X	18,767	4.98	25.3	0.8	2.0	4.47	3.0
BQ141	Woodbridge	Intermediate	X	X		1,768	4.88	24.5	2.6	2.0	4.50	6.5
SV2756TM	Seminis	Thick	X		X	11,481	5.08	26.0	1.1	2.1	4.52	1.7
N6420	Nunhems	Pear	X			2,948	5.06	25.3	1.5	2.1	4.51	1.2
N6429	Nunhems	Intermediate	X	X	X	1,342	5.00	25.9	1.4	2.1	4.51	1.2
BP16	BHN Seed	Intermediate	X	X		2,665	5.44	26.6	1.0	2.2	4.48	4.2
UG19406	United Genetics	Intermediate			X	8,166	5.41	25.1	0.8	2.2	4.36	1.3
H8504	Heinz	Thick			X	5,562	4.90	26.0	0.8	2.3	4.38	2.1
HM4909	Harris Moran	Intermediate	X			10,198	5.57	25.6	1.1	2.3	4.35	1.2
DRI319	Seminis	Thin	X			31,039	5.70	24.6	2.4	2.3	4.44	1.3
HM58841	Harris Moran	Intermediate	X		X	1,196	5.43	24.9	0.7	2.3	4.46	1.2
AB0311	Seminis	Thin	X			27,379	5.77	23.7	1.8	2.4	4.41	1.3
HM3887	Harris Moran	Intermediate	X			30,592	5.47	25.8	1.4	2.4	4.49	2.2
N6428	Nunhems	Intermediate	X	X	X	4,960	4.92	25.5	1.1	2.5	4.48	1.9
H5701	Heinz	Thick			X	1,045	4.76	24.7	0.5	2.5	4.41	5.1
H1428	Heinz	Thick	X		X	10,819	4.92	23.9	0.8	2.5	4.49	3.1
SV8011TM	Seminis	Intermediate	X			4,859	5.26	24.6	0.9	2.6	4.47	2.2
HM4885	Harris Moran	Thick	X		X	18,450	5.18	24.6	0.9	2.6	4.43	1.3
H1310	Heinz	Thick	X	X		2,213	5.11	25.2	0.7	2.7	4.52	6.4
BP32	BHN Seed	Intermediate	X	X	X	1,044	5.20	26.1	1.5	2.9	4.48	2.8
H2401	Heinz	Thick			X	21,883	5.00	25.1	1.2	3.0	4.42	2.9
N6415	Nunhems	Thick	X		X	23,280	5.07	25.0	1.2	3.2	4.47	1.8
H5508	Heinz	Thick	X		X	3,609	4.66	24.8	0.4	3.6	4.45	1.4
SV2493TM	Seminis	Intermediate	X	X		1,931	4.97	23.9	2.4	4.3	4.49	1.9
H9663	Heinz	Thick				4,367	4.88	23.8	3.1	4.3	4.49	2.7

Note: Thin Viscosity - Predicted Paste Bostwick > 4.99, Intermediate Viscosity - Predicted Paste Bostwick 3.26 - 4.99, Thick Viscosity - Predicted Paste Bostwick < 3.26

2017 California Processing Tomato

pH Sort (Low to High) > 1,000 Loads

Based on Final PTAB

Variety	Supplier	Use Category	TSW	F3	EFS	Total Loads	Solids	Color	LU	Mold	pH	Green
Shasta	Harris Moran	Early				1,829	5.27	27.3	2.4	0.4	4.31	0.8
HM4909	Harris Moran	Intermediate	X			10,198	5.57	25.6	1.1	2.3	4.35	1.2
HP849	Seminis	Intermediate			X	1,000	5.13	25.8	0.5	1.3	4.35	1.4
UG19406	United Genetics	Intermediate			X	8,166	5.41	25.1	0.8	2.2	4.36	1.3
N6416	Nunhems	Early	X			9,320	4.94	25.3	1.5	0.5	4.37	1.1
H8504	Heinz	Thick			X	5,562	4.90	26.0	0.8	2.3	4.38	2.1
UG16609	United Genetics	Thin	X			2,199	5.48	24.4	2.0	0.8	4.39	1.0
BQ273	Woodbridge	Early	X			28,996	5.25	25.1	1.4	0.5	4.39	1.4
HM5900	Harris Moran	Early	X			3,880	5.54	24.9	2.0	0.9	4.39	1.7
CXD187	Harris Moran	Early				1,176	4.85	25.5	1.5	0.8	4.41	1.1
AB0311	Seminis	Thin	X			27,379	5.77	23.7	1.8	2.4	4.41	1.3
H5701	Heinz	Thick			X	1,045	4.76	24.7	0.5	2.5	4.41	5.1
H2401	Heinz	Thick			X	21,883	5.00	25.1	1.2	3.0	4.42	2.9
HM4885	Harris Moran	Thick	X		X	18,450	5.18	24.6	0.9	2.6	4.43	1.3
BQ400	Woodbridge	Early	X			3,818	5.19	23.5	0.9	0.4	4.43	0.9
BP13	BHN Seed	Early	X	X		2,032	5.07	25.3	0.9	0.6	4.43	3.9
DRI319	Seminis	Thin	X			31,039	5.70	24.6	2.4	2.3	4.44	1.3
H5706	Heinz	Thick				1,730	4.98	24.5	0.6	0.9	4.44	2.8
H5508	Heinz	Thick	X		X	3,609	4.66	24.8	0.4	3.6	4.45	1.4
HM58841	Harris Moran	Intermediate	X		X	1,196	5.43	24.9	0.7	2.3	4.46	1.2
SV8011TM	Seminis	Intermediate	X			4,859	5.26	24.6	0.9	2.6	4.47	2.2
N6415	Nunhems	Thick	X		X	23,280	5.07	25.0	1.2	3.2	4.47	1.8
HM9905	Harris Moran	Intermediate			X	3,909	5.07	24.6	0.6	1.0	4.47	0.8
H4707	Heinz	Thick			X	18,767	4.98	25.3	0.8	2.0	4.47	3.0
H5702	Heinz	Thick			X	9,537	4.98	23.8	0.6	1.8	4.47	3.6
H5608	Heinz	Thick	X			18,272	4.98	24.1	1.1	1.4	4.48	1.7
BP32	BHN Seed	Intermediate	X	X	X	1,044	5.20	26.1	1.5	2.9	4.48	2.8
N6366	Nunhems	Thin				17,750	5.40	24.9	2.3	1.0	4.48	1.1
N6428	Nunhems	Intermediate	X	X	X	4,960	4.92	25.5	1.1	2.5	4.48	1.9
H1015	Heinz	Early			X	3,374	5.22	24.0	0.7	0.5	4.48	2.9
BP16	BHN Seed	Intermediate	X	X		2,665	5.44	26.6	1.0	2.2	4.48	4.2
N6397	Nunhems	Early				1,792	5.31	24.6	1.6	0.7	4.49	1.3
H9663	Heinz	Thick				4,367	4.88	23.8	3.1	4.3	4.49	2.7
N6402	Nunhems	Thin	X			4,774	5.65	24.8	1.6	1.7	4.49	1.3
HM3887	Harris Moran	Intermediate	X			30,592	5.47	25.8	1.4	2.4	4.49	2.2
H1428	Heinz	Thick	X		X	10,819	4.92	23.9	0.8	2.5	4.49	3.1
SV2493TM	Seminis	Intermediate	X	X		1,931	4.97	23.9	2.4	4.3	4.49	1.9
BQ141	Woodbridge	Intermediate	X	X		1,768	4.88	24.5	2.6	2.0	4.50	6.5
HM3888	Harris Moran	Intermediate	X		X	3,945	5.22	26.1	0.8	1.3	4.50	1.0
N6429	Nunhems	Intermediate	X	X	X	1,342	5.00	25.9	1.4	2.1	4.51	1.2
N6420	Nunhems	Pear	X			2,948	5.06	25.3	1.5	2.1	4.51	1.2
HM1892	Harris Moran	Intermediate			X	11,167	5.34	24.9	1.6	1.6	4.52	1.3
H1310	Heinz	Thick	X	X		2,213	5.11	25.2	0.7	2.7	4.52	6.4
SV2756TM	Seminis	Thick	X		X	11,481	5.08	26.0	1.1	2.1	4.52	1.7
H1292	Heinz	Pear	X			1,844	5.38	24.1	1.9	0.8	4.53	1.0
H1293	Heinz	Pear	X			5,251	5.53	23.7	1.4	1.7	4.55	1.4
HM7885	Harris Moran	Pear			X	3,679	4.90	25.8	1.0	1.8	4.61	0.8

Note: Thin Viscosity - Predicted Paste Bostwick > 4.99, Intermediate Viscosity - Predicted Paste Bostwick 3.26 - 4.99, Thick Viscosity - Predicted Paste Bostwick < 3.26

2017 California Processing Tomato

Green Sort (Low to High) > 1,000 Loads

Based on Final PTAB

Variety	Supplier	Use Category	TSW	F3	EFS	Total Loads	Solids	Color	LU	Mold	pH	Green
HM7885	Harris Moran	Pear			X	3,679	4.90	25.8	1.0	1.8	4.61	0.8
HM9905	Harris Moran	Intermediate			X	3,909	5.07	24.6	0.6	1.0	4.47	0.8
Shasta	Harris Moran	Early				1,829	5.27	27.3	2.4	0.4	4.31	0.8
BQ400	Woodbridge	Early	X			3,818	5.19	23.5	0.9	0.4	4.43	0.9
UG16609	United Genetics	Thin	X			2,199	5.48	24.4	2.0	0.8	4.39	1.0
H1292	Heinz	Pear	X			1,844	5.38	24.1	1.9	0.8	4.53	1.0
HM3888	Harris Moran	Intermediate	X		X	3,945	5.22	26.1	0.8	1.3	4.50	1.0
N6416	Nunhems	Early	X			9,320	4.94	25.3	1.5	0.5	4.37	1.1
CXD187	Harris Moran	Early				1,176	4.85	25.5	1.5	0.8	4.41	1.1
N6366	Nunhems	Thin				17,750	5.40	24.9	2.3	1.0	4.48	1.1
HM4909	Harris Moran	Intermediate	X			10,198	5.57	25.6	1.1	2.3	4.35	1.2
N6429	Nunhems	Intermediate	X	X	X	1,342	5.00	25.9	1.4	2.1	4.51	1.2
N6420	Nunhems	Pear	X			2,948	5.06	25.3	1.5	2.1	4.51	1.2
HM58841	Harris Moran	Intermediate	X		X	1,196	5.43	24.9	0.7	2.3	4.46	1.2
DRI319	Seminis	Thin	X			31,039	5.70	24.6	2.4	2.3	4.44	1.3
HM4885	Harris Moran	Thick	X		X	18,450	5.18	24.6	0.9	2.6	4.43	1.3
HM1892	Harris Moran	Intermediate			X	11,167	5.34	24.9	1.6	1.6	4.52	1.3
UG19406	United Genetics	Intermediate			X	8,166	5.41	25.1	0.8	2.2	4.36	1.3
AB0311	Seminis	Thin	X			27,379	5.77	23.7	1.8	2.4	4.41	1.3
N6402	Nunhems	Thin	X			4,774	5.65	24.8	1.6	1.7	4.49	1.3
N6397	Nunhems	Early				1,792	5.31	24.6	1.6	0.7	4.49	1.3
BQ273	Woodbridge	Early	X			28,996	5.25	25.1	1.4	0.5	4.39	1.4
H1293	Heinz	Pear	X			5,251	5.53	23.7	1.4	1.7	4.55	1.4
H5508	Heinz	Thick	X		X	3,609	4.66	24.8	0.4	3.6	4.45	1.4
HP849	Seminis	Intermediate			X	1,000	5.13	25.8	0.5	1.3	4.35	1.4
SV2756TM	Seminis	Thick	X		X	11,481	5.08	26.0	1.1	2.1	4.52	1.7
H5608	Heinz	Thick	X			18,272	4.98	24.1	1.1	1.4	4.48	1.7
HM5900	Harris Moran	Early	X			3,880	5.54	24.9	2.0	0.9	4.39	1.7
N6415	Nunhems	Thick	X		X	23,280	5.07	25.0	1.2	3.2	4.47	1.8
N6428	Nunhems	Intermediate	X	X	X	4,960	4.92	25.5	1.1	2.5	4.48	1.9
SV2493TM	Seminis	Intermediate	X	X		1,931	4.97	23.9	2.4	4.3	4.49	1.9
H8504	Heinz	Thick			X	5,562	4.90	26.0	0.8	2.3	4.38	2.1
SV8011TM	Seminis	Intermediate	X			4,859	5.26	24.6	0.9	2.6	4.47	2.2
HM3887	Harris Moran	Intermediate	X			30,592	5.47	25.8	1.4	2.4	4.49	2.2
H9663	Heinz	Thick				4,367	4.88	23.8	3.1	4.3	4.49	2.7
BP32	BHN Seed	Intermediate	X	X	X	1,044	5.20	26.1	1.5	2.9	4.48	2.8
H5706	Heinz	Thick				1,730	4.98	24.5	0.6	0.9	4.44	2.8
H1015	Heinz	Early			X	3,374	5.22	24.0	0.7	0.5	4.48	2.9
H2401	Heinz	Thick			X	21,883	5.00	25.1	1.2	3.0	4.42	2.9
H4707	Heinz	Thick			X	18,767	4.98	25.3	0.8	2.0	4.47	3.0
H1428	Heinz	Thick	X		X	10,819	4.92	23.9	0.8	2.5	4.49	3.1
H5702	Heinz	Thick			X	9,537	4.98	23.8	0.6	1.8	4.47	3.6
BP13	BHN Seed	Early	X	X		2,032	5.07	25.3	0.9	0.6	4.43	3.9
BP16	BHN Seed	Intermediate	X	X		2,665	5.44	26.6	1.0	2.2	4.48	4.2
H5701	Heinz	Thick			X	1,045	4.76	24.7	0.5	2.5	4.41	5.1
H1310	Heinz	Thick	X	X		2,213	5.11	25.2	0.7	2.7	4.52	6.4
BQ141	Woodbridge	Intermediate	X	X		1,768	4.88	24.5	2.6	2.0	4.50	6.5

Note: Thin Viscosity - Predicted Paste Bostwick > 4.99, Intermediate Viscosity - Predicted Paste Bostwick 3.26 - 4.99, Thick Viscosity - Predicted Paste Bostwick < 3.26

2017 California Processing Tomato

Solids History - Selected Counties

Solids

County	2013	2014	2015	2016	2017	5 Year Average
Colusa	4.96	4.71	4.95	5.02	5.10	4.95
Contra Costa	5.61	5.60	5.44	5.74	5.65	5.61
Fresno	5.35	5.44	5.45	5.60	5.32	5.43
Kern	4.95	5.08	5.07	5.18	5.05	5.07
Kings	5.24	5.20	5.30	5.36	5.22	5.26
Merced	5.23	5.12	5.32	5.27	5.19	5.23
Sacramento	5.14	4.96	5.19	5.61	5.54	5.29
San Joaquin	5.05	4.95	5.11	5.32	5.29	5.14
Solano	5.35	5.14	5.32	5.54	5.55	5.38
Stanislaus	5.30	5.20	5.29	5.58	5.49	5.37
Sutter	5.19	5.01	5.10	5.25	5.28	5.17
Yolo	5.09	4.85	5.03	5.16	5.17	5.06
State Average	5.22	5.15	5.25	5.37	5.26	5.25

% of State Average

County	2013	2014	2015	2016	2017	5 Year Average
Colusa	95.0%	91.5%	94.3%	93.5%	97.0%	94.2%
Contra Costa	107.5%	108.7%	103.6%	106.9%	107.4%	106.8%
Fresno	102.5%	105.6%	103.8%	104.3%	101.1%	103.5%
Kern	94.8%	98.6%	96.6%	96.5%	96.0%	96.5%
Kings	100.4%	101.0%	101.0%	99.8%	99.2%	100.3%
Merced	100.2%	99.4%	101.3%	98.1%	98.7%	99.5%
Sacramento	98.5%	96.3%	98.9%	104.5%	105.3%	100.7%
San Joaquin	96.7%	96.1%	97.3%	99.1%	100.6%	98.0%
Solano	102.5%	99.8%	101.3%	103.2%	105.5%	102.5%
Stanislaus	101.5%	101.0%	100.8%	103.9%	104.4%	102.3%
Sutter	99.4%	97.3%	97.1%	97.8%	100.4%	98.4%
Yolo	97.5%	94.2%	95.8%	96.1%	98.3%	96.4%
State Average	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Note: 2017 based on final reports published by the Processing Tomato Advisory Board.

