

PTAB Summary



Use Category Descriptions

Early	Maturity 117 Days or Less
Thin	Juice Bostwick > 14.65
Intermediate	Juice Bostwick 13.40 to 14.65
Thick	Juice Bostwick < 13.40
Pear	Pear Shaped

2016 California Processing Tomato

Top 50 Varieties

Based on PTAB 10/8/16

	Variety	Supplier	Category	TSW	F3	EFS	Total Loads	% of Loads	Solids	Color	LU	Mold	pH	Green
1	H8504	Heinz	Thick			X	47,498	9.68%	5.27	24.5	0.9	0.9	4.33	2.2
2	AB0311	Seminis	Thin	X			40,496	8.25%	5.81	23.8	1.6	1.4	4.34	1.5
3	DRI319	Seminis	Thin	X			33,198	6.77%	5.81	24.7	2.1	1.3	4.37	1.3
4	N6366	Nunhems	Thin				32,261	6.58%	5.53	25.2	2.4	0.7	4.40	1.6
5	HM1892	Harris Moran	Intermediate			X	29,113	5.93%	5.55	24.6	1.5	0.9	4.44	2.1
6	H5608	Heinz	Thick	X			26,731	5.45%	4.95	23.9	1.5	1.8	4.40	1.9
7	N6415	Nunhems	Thick	X		X	22,248	4.53%	5.20	24.5	1.1	1.2	4.36	1.7
8	HM3887	Harris Moran	Intermediate	X			21,748	4.43%	5.47	25.8	1.3	1.3	4.39	2.3
9	N6416	Nunhems	Early	X			16,810	3.43%	5.10	24.9	1.6	0.3	4.31	1.8
10	BQ273	Woodbridge	Early	X			14,900	3.04%	5.41	24.9	1.5	0.5	4.34	2.3
11	H4707	Heinz	Thick			X	13,214	2.69%	5.12	25.5	0.9	1.0	4.38	2.6
12	HM3888	Harris Moran	Intermediate	X		X	12,695	2.59%	5.54	25.9	1.2	1.2	4.48	2.5
13	UG19406	United Genetics	Thick			X	11,585	2.36%	5.60	24.4	0.9	1.1	4.30	1.6
14	N6410	Nunhems	Thick			X	10,843	2.21%	5.35	24.8	1.5	1.5	4.40	2.9
15	H2401	Heinz	Thick			X	9,204	1.88%	5.12	24.7	1.2	1.6	4.34	2.7
16	H1428	Heinz	Thick	X		X	7,971	1.62%	4.94	23.8	0.7	1.2	4.33	2.7
17	HM9905	Harris Moran	Intermediate			X	7,582	1.55%	5.19	24.9	1.0	0.8	4.42	1.8
18	H1015	Heinz	Early			X	7,465	1.52%	5.11	25.1	1.3	0.6	4.44	2.2
19	HM4885	Harris Moran	Thick	X		X	7,258	1.48%	5.38	24.0	0.8	1.7	4.33	1.4
20	N6397	Nunhems	Early				6,836	1.39%	5.25	24.8	1.4	0.5	4.41	1.8
21	H5702	Heinz	Thick			X	6,614	1.35%	4.90	24.7	0.6	0.8	4.36	3.9
22	H5508	Heinz	Thick	X		X	5,828	1.19%	4.87	24.4	0.4	0.8	4.34	2.1
23	N6402	Nunhems	Thin	X			5,279	1.08%	5.61	25.2	1.6	1.0	4.42	1.9
24	H9663	Heinz	Thick				4,771	0.97%	5.13	23.7	3.4	2.8	4.42	4.7
25	HM7885	Harris Moran	Pear			X	4,735	0.97%	5.22	25.0	1.2	0.8	4.54	0.8
26	N6394	Nunhems	Intermediate	X			4,466	0.91%	5.62	24.4	2.8	0.8	4.47	2.0
27	H1293	Heinz	Pear	X			4,361	0.89%	5.61	23.6	0.9	0.9	4.48	1.6
28	BQ141	Woodbridge	Thick	X	X		4,140	0.84%	4.98	24.6	3.7	2.0	4.42	4.4
29	HM4909	Harris Moran	Thick	X			3,892	0.79%	5.51	25.7	0.8	2.1	4.27	0.8
30	N6404	Nunhems	Intermediate	X			3,503	0.71%	5.28	25.3	2.6	2.1	4.46	1.6
31	H5701	Heinz	Thick			X	3,369	0.69%	4.93	25.4	0.9	1.0	4.33	3.7
32	BP2	BHN Seed	Thin	X	X		3,368	0.69%	4.97	26.7	2.1	0.8	4.49	3.6
33	H5706	Heinz	Thick				3,346	0.68%	4.96	24.6	0.6	0.7	4.35	3.5
34	BP13	BHN Seed	Early	X	X		3,038	0.62%	4.86	27.4	1.8	0.4	4.39	3.5
35	UG16609	United Genetics	Intermediate	X			2,933	0.60%	5.54	24.4	2.4	0.4	4.34	1.5
36	H1292	Heinz	Pear	X			2,623	0.53%	5.78	23.1	2.5	0.7	4.47	1.3
37	CXD187	Harris Moran	Early				2,590	0.53%	4.72	24.4	2.6	0.4	4.43	1.9
38	N6420	Nunhems	Pear	X			2,493	0.51%	5.19	25.3	1.1	1.4	4.45	1.5
39	APT410	Seminis	Early				2,295	0.47%	4.93	26.5	2.7	0.6	4.37	2.1
40	UG18806	United Genetics	Thick			X	2,187	0.45%	5.32	26.5	2.2	1.4	4.35	1.4
41	H1310	Heinz	Thick	X	X		2,138	0.44%	5.30	24.5	0.9	1.6	4.40	2.6
42	CXD255	Harris Moran	Intermediate				2,079	0.42%	5.21	26.2	1.0	1.1	4.34	0.9
43	H1170	Heinz	Thick			X	1,782	0.36%	5.42	25.1	0.7	1.1	4.35	2.2
44	Shasta	Harris Moran	Early				1,769	0.36%	5.31	26.6	3.0	0.4	4.23	1.6
45	HP849	Seminis	Intermediate			X	1,683	0.34%	5.19	24.7	0.7	1.4	4.31	0.9
46	H9780	Heinz	Thick			X	1,571	0.32%	5.65	22.8	1.0	0.7	4.35	0.6
47	IVF5234	Seeds of Solution	Thick				1,535	0.31%	5.50	24.8	1.9	1.5	4.33	0.8
48	BQ205	Woodbridge	Thin				1,533	0.31%	5.68	25.4	2.0	1.1	4.38	1.0
49	H1175	Heinz	Thick			X	1,328	0.27%	4.98	23.5	0.7	1.7	4.51	1.2
50	SV0599TM	Seminis	Early				1,310	0.27%	5.21	26.9	0.9	0.4	4.33	0.6
	All Others						18,385	3.75%	5.44	24.9	1.9	1.3	4.38	1.7
	Statewide	All					490,600	100.00%	5.37	24.7	1.49	1.10	4.38	2.0

Note: Thin Viscosity - Juice Bostwick > 14.65, Intermediate Viscosity - Juice Bostwick 13.40 - 14.65, Thick Viscosity - Juice Bostwick < 13.40

2016 Top 40 Varieties

South Region

Based on 10/8/16 PTAB Reports

Rank	Variety	Supplier	Use Category	Disease Resistance	TSW	F3	EFS	Total Loads	% of Loads
1	H8504	Heinz	Thick	VFFNP*			X	36,675	14.55%
2	N6366	Nunhems	Thin	VFFNP				20,642	8.19%
3	AB0311	Seminis	Thin	VFFNPtsw	X			18,212	7.23%
4	HM1892	Harris Moran	Intermediate	VFFNP*			X	17,263	6.85%
5	N6416	Nunhems	Early	VFNptsw	X			15,396	6.11%
6	N6415	Nunhems	Thick	VFFNPtsw*	X		X	15,033	5.96%
7	DRI319	Seminis	Thin	VFFNPtsw	X			14,474	5.74%
8	H5608	Heinz	Thick	VFFNPtsw	X			13,679	5.43%
9	BQ273	Woodbridge	Early	VFFNPtsw	X			13,334	5.29%
10	HM3887	Harris Moran	Intermediate	VFFNtsw	X			8,659	3.44%
11	H4707	Heinz	Thick	VFFNP*			X	6,098	2.42%
12	H2401	Heinz	Thick	VFFNP*			X	5,657	2.24%
13	H9663	Heinz	Thick	VFFNP				4,684	1.86%
14	HM4885	Harris Moran	Thick	VFFNPtsw*	X		X	4,576	1.82%
15	HM7885	Harris Moran	Pear	VFN*			X	4,385	1.74%
16	UG19406	United Genetics	Thick	VFFNP*			X	3,576	1.42%
17	N6397	Nunhems	Early	VFFN				3,415	1.35%
18	H1015	Heinz	Early	VFFNP*			X	3,288	1.30%
19	N6402	Nunhems	Thin	VFFNPtsw	X			3,042	1.21%
20	N6394	Nunhems	Intermediate	VFFNPtsw	X			2,857	1.13%
21	CXD187	Harris Moran	Early	VFFNP				2,590	1.03%
22	H1292	Heinz	Pear	VFFNPtsw	X			2,301	0.91%
23	H1293	Heinz	Pear	VFFNPtsw	X			2,274	0.90%
24	UG16609	United Genetics	Intermediate	VFFNPtsw	X			2,171	0.86%
25	UG18806	United Genetics	Thick	VFFNP*			X	2,158	0.86%
26	H1428	Heinz	Thick	VFFNPtsw*	X		X	2,089	0.83%
27	N6410	Nunhems	Thick	VFFN*			X	1,916	0.76%
28	H5508	Heinz	Thick	VFFNtsw*	X		X	1,581	0.63%
29	N6404	Nunhems	Intermediate	VFFNPtsw	X			1,369	0.54%
30	N6420	Nunhems	Pear	VFFNtsw	X			1,291	0.51%
31	H9491	Heinz	Intermediate	VFFNP				1,151	0.46%
32	HM4909	Harris Moran	Thick	VFFNtswFr	X			1,052	0.42%
33	SV2756TM	Seminis	Thick	VFFNtsw	X		X	964	0.38%
34	HM3888	Harris Moran	Intermediate	VFFNtsw*	X		X	931	0.37%
35	H1161	Heinz	Thin	VFFNP				901	0.36%
36	H1170	Heinz	Thick	VFFN*			X	876	0.35%
37	Misc	Misc	Misc					817	0.32%
38	UG9436	United Genetics	Intermediate					779	0.31%
39	SV0599TM	Seminis	Early	VFF				720	0.29%
40	BQ205	Woodbridge	Thin	VFFNP				680	0.27%
	All Others	Various	Various					8,484	3.37%
SOUTH		ALL LOADS						252,040	100.00%

Note: Thin Viscosity - Juice Bostwick > 14.65, Intermediate Viscosity - Juice Bostwick 13.40 - 14.65, Thick Viscosity - Juice Bostwick < 13.40

2016 Top 40 Varieties

Central Region

Based on 10/8/16 PTAB Reports

Rank	Variety	Supplier	Category	Disease Resistance	TSW	F3	EFS	Total Loads	% of Loads
1	HM1892	Harris Moran	Intermediate	VFFNP*			X	10,947	11.24%
2	DRI319	Seminis	Thin	VFFNPtsw	X			10,250	10.53%
3	H8504	Heinz	Thick	VFFNP*			X	7,733	7.94%
4	N6410	Nunhems	Thick	VFFN*			X	7,669	7.88%
5	N6415	Nunhems	Thick	VFFNPtsw*	X		X	6,434	6.61%
6	AB0311	Seminis	Thin	VFFNPtsw	X			6,418	6.59%
7	UG19406	United Genetics	Thick	VFFNP*			X	5,081	5.22%
8	N6366	Nunhems	Thin	VFFNP				4,531	4.65%
9	H5608	Heinz	Thick	VFFNPtsw	X			3,360	3.45%
10	H4707	Heinz	Thick	VFFNP*			X	2,900	2.98%
11	HM3888	Harris Moran	Intermediate	VFFNtsw*	X		X	2,733	2.81%
12	HM3887	Harris Moran	Intermediate	VFFNtsw	X			2,600	2.67%
13	H1428	Heinz	Thick	VFFNPtsw*	X		X	2,536	2.60%
14	H5508	Heinz	Thick	VFFNtsw*	X		X	2,287	2.35%
15	H1293	Heinz	Pear	VFFNPtsw	X			2,086	2.14%
16	N6404	Nunhems	Intermediate	VFFNPtsw	X			1,880	1.93%
17	H2401	Heinz	Thick	VFFNP*			X	1,861	1.91%
18	H5702	Heinz	Thick	VFFNP*			X	1,820	1.87%
19	HM9905	Harris Moran	Intermediate	VFFN*			X	1,683	1.73%
20	H9780	Heinz	Thick	VFFNP*			X	1,571	1.61%
21	H5706	Heinz	Thick	VFFNP				1,195	1.23%
22	BQ141	Woodbridge	Thick	VFFNPtsw	X	X		999	1.03%
23	H5701	Heinz	Thick	VFFNP*			X	911	0.94%
24	HM4885	Harris Moran	Thick	VFFNPtsw*	X		X	883	0.91%
25	H1175	Heinz	Thick	VFFN*			X	776	0.80%
26	N6420	Nunhems	Pear	VFFNtsw	X			720	0.74%
27	HM4909	Harris Moran	Thick	VFFNtswFr	X			627	0.64%
28	N6397	Nunhems	Early	VFFN				473	0.49%
29	APT410	Seminis	Early	VFFNP				386	0.40%
30	Misc	Misc	Misc	0				378	0.39%
31	N6416	Nunhems	Early	VFNtsw	X			378	0.39%
32	N6407	Nunhems	Thin	VFFNPtsw*	X		X	260	0.27%
33	H1170	Heinz	Thick	VFFN*			X	254	0.26%
34	HM7885	Harris Moran	Pear	VFNtsw*			X	254	0.26%
35	Shasta	Harris Moran	Early	VF				247	0.25%
36	N6402	Nunhems	Thin	VFFNPtsw	X			245	0.25%
37	BQ273	Woodbridge	Early	VFFNPtsw	X			231	0.24%
38	HMX3884	Harris Moran	Intermediate	VFFNtsw	X			212	0.22%
39	H1161	Heinz	Thin	VFFNP				205	0.21%
40	H1292	Heinz	Pear	VFFNPtsw	X			151	0.16%
	All Others	Various	Various					1,196	1.23%
CENTRAL ALL LOADS								97,361	100.00%

Note: Thin Viscosity - Juice Bostwick > 14.65, Intermediate Viscosity - Juice Bostwick 13.40 - 14.65, Thick Viscosity - Juice Bostwick < 13.40

2016 Top 40 Varieties

North Region

Based on 10/8/16 PTAB Reports

Rank	Variety	Supplier	Category	Disease Resistance	TSW	F3	EFS	Total Loads	% of Loads
1	AB0311	Seminis	Thin	VFFNPtsw	X			14,754	10.58%
2	HM3887	Harris Moran	Intermediate	VFFNtsw	X			10,489	7.52%
3	H5608	Heinz	Thick	VFFNPtsw	X			9,692	6.95%
4	HM3888	Harris Moran	Intermediate	VFFNtsw*	X		X	8,980	6.44%
5	DRI319	Seminis	Thin	VFFNPtsw	X			8,473	6.08%
6	N6366	Nunhems	Thin	VFFNP				6,548	4.70%
7	HM9905	Harris Moran	Intermediate	VFFN*			X	5,533	3.97%
8	H5702	Heinz	Thick	VFFNP*			X	4,245	3.05%
9	H4707	Heinz	Thick	VFFNP*			X	4,216	3.02%
10	H1015	Heinz	Early	VFFNP*			X	4,172	2.99%
11	H1428	Heinz	Thick	VFFNPtsw*	X		X	3,346	2.40%
12	BP2	BHN Seed	Thin	VFFNPtsw	X	X		3,282	2.35%
13	H8504	Heinz	Thick	VFFNP*			X	3,089	2.22%
14	BP13	BHN Seed	Early	VFFNPtsw	X	X		3,032	2.18%
15	N6397	Nunhems	Early	VFFN				2,948	2.11%
16	UG19406	United Genetics	Thick	VFFNP*			X	2,928	2.10%
17	BQ141	Woodbridge	Thick	VFFNPtsw	X	X		2,525	1.81%
18	H5701	Heinz	Thick	VFFNP*			X	2,303	1.65%
19	HM4909	Harris Moran	Thick	VFFNtswFr	X			2,213	1.59%
20	H1310	Heinz	Thick	VFFNPtsw	X	X		2,133	1.53%
21	CXD255	Harris Moran	Intermediate	VFFNP				2,079	1.49%
22	N6402	Nunhems	Thin	VFFNPtsw	X			1,992	1.43%
23	H5508	Heinz	Thick	VFFNtsw*	X		X	1,959	1.41%
24	H5706	Heinz	Thick	VFFNP				1,825	1.31%
25	HM4885	Harris Moran	Thick	VFFNPtsw*	X		X	1,799	1.29%
26	H2401	Heinz	Thick	VFFNP*			X	1,686	1.21%
27	HP849	Seminis	Intermediate	VFFNP*			X	1,682	1.21%
28	N6394	Nunhems	Intermediate	VFFNPtsw	X			1,533	1.10%
29	Shasta	Harris Moran	Early	VF				1,521	1.09%
30	APT410	Seminis	Early	VFFNP				1,482	1.06%
31	BQ273	Woodbridge	Early	VFFNPtsw	X			1,295	0.93%
32	N6410	Nunhems	Thick	VFFN*			X	1,258	0.90%
33	IVF5234	Seeds of Solution	Thick	VFFNP				1,225	0.88%
34	N6416	Nunhems	Early	VFNtsw	X			1,036	0.74%
35	HM1892	Harris Moran	Intermediate	VFFNP*			X	903	0.65%
36	BQ205	Woodbridge	Thin	VFFNP				853	0.61%
37	SV2493TM	Seminis	Thick	VFFNPtsw	X	X		787	0.56%
38	N6415	Nunhems	Thick	VFFNPtsw*	X		X	781	0.56%
39	UG16609	United Genetics	Intermediate	VFFNPtsw	X			740	0.53%
40	H1422	Heinz	Thick	VFFNP*		X	X	662	0.47%
	All Others	Various	Various					7,391	5.30%
NORTH		ALL LOADS						139,390	100.00%

Note: Thin Viscosity - Juice Bostwick > 14.65, Intermediate Viscosity - Juice Bostwick 13.40 - 14.65, Thick Viscosity - Juice Bostwick < 13.40

2016 California Processing Tomato

Variety Use Category Detail

Based on PTAB 10/8/16

Category	Variety	Supplier	TSW	F3	EFS	Total Loads	% of Loads	Solids	Color	LU	Mold	pH	Green
Early	N6416	Nunhems	X			16,810	28.16%	5.10	24.9	1.6	0.3	4.31	1.8
Early	BQ273	Woodbridge	X			14,900	24.96%	5.41	24.9	1.5	0.5	4.34	2.3
Early	H1015	Heinz			X	7,465	12.51%	5.11	25.1	1.3	0.6	4.44	2.2
Early	N6397	Nunhems				6,836	11.45%	5.25	24.8	1.4	0.5	4.41	1.8
Early	BP13	BHN Seed	X	X		3,038	5.09%	4.86	27.4	1.8	0.4	4.39	3.5
Early	CXD187	Harris Moran				2,590	4.34%	4.72	24.4	2.6	0.4	4.43	1.9
Early	APT410	Seminis				2,295	3.84%	4.93	26.5	2.7	0.6	4.37	2.1
Early	Shasta	Harris Moran				1,769	2.96%	5.31	26.6	3.0	0.4	4.23	1.6
Early	SV0599TM	Seminis				1,310	2.19%	5.21	26.9	0.9	0.4	4.33	0.6
Early	HM5900	Harris Moran	X			639	1.07%	5.58	26.1	2.9	0.6	4.32	1.9
Early	U373	Nunhems				613	1.03%	4.77	24.6	2.7	1.6	4.38	1.3
Early	H5003	Heinz				491	0.82%	4.77	26.5	4.2	0.8	4.45	3.0
Early	HM1893	Harris Moran	X			370	0.62%	5.69	24.4	3.0	0.2	4.31	0.9
Early	BQ400	Woodbridge	X			314	0.53%	5.66	22.7	1.0	0.4	4.40	1.0
Early	K2770	Keithly Williams				188	0.31%	5.18	25.0	0.9	0.2	4.26	1.1
Early	BQ403	Woodbridge	X			34	0.06%	5.70	24.6	1.0	0.4	4.30	1.3
Early	BOS602	Orsetti				23	0.04%	5.70	25.4	0.7	2.2	4.37	0.3
Early	HM58881	Harris Moran	X			3	0.01%	5.73	24.7	3.8	0.2	4.42	2.8
Early	BQ401	Woodbridge	X			2	0.00%	4.95	26.0	0.8	0.3	4.45	0.0
Early	K2718	Keithly Williams				1	0.00%	4.90	26.0	0.5	2.5	4.40	0.5
Early Total						59,691	100.00%	5.18	25.2	1.7	0.5	4.36	2.0
Thin	AB0311	Seminis	X			40,496	33.97%	5.81	23.8	1.6	1.4	4.34	1.5
Thin	DRI319	Seminis	X			33,198	27.85%	5.81	24.7	2.1	1.3	4.37	1.3
Thin	N6366	Nunhems				32,261	27.07%	5.53	25.2	2.4	0.7	4.40	1.6
Thin	N6402	Nunhems	X			5,279	4.43%	5.61	25.2	1.6	1.0	4.42	1.9
Thin	BP2	BHN Seed	X	X		3,368	2.83%	4.97	26.7	2.1	0.8	4.49	3.6
Thin	BQ205	Woodbridge				1,533	1.29%	5.68	25.4	2.0	1.1	4.38	1.0
Thin	H1161	Heinz				1,174	0.98%	5.90	25.5	2.9	0.6	4.34	1.8
Thin	BQ206	Woodbridge				1,113	0.93%	5.59	25.4	1.8	1.0	4.35	0.8
Thin	N6407	Nunhems	X		X	260	0.22%	5.86	26.3	0.3	0.6	4.33	1.5
Thin	BQ313	Woodbridge	X			170	0.14%	4.84	24.6	3.5	0.7	4.42	1.1
Thin	BQ296	Woodbridge	X			141	0.12%	5.91	27.2	1.3	1.6	4.33	1.6
Thin	BQ163	Woodbridge				102	0.09%	5.09	29.7	2.5	0.5	4.42	3.1
Thin	H1424	Heinz	X			69	0.06%	5.60	24.8	1.7	0.8	4.31	2.3
Thin	FM1115	Harris Moran				28	0.02%	5.13	24.8	2.3	2.9	4.46	2.9
Thin	AB2	Seminis				1	0.00%	5.80	25.0	4.0	1.5	4.34	1.0
Thin	HM7883	Harris Moran			X	1	0.00%	4.80	23.0	2.0	1.5	4.55	0.5
Thin Total						119,194	100.00%	5.70	24.6	2.0	1.1	4.37	1.5
Intermediate	HM1892	Harris Moran			X	29,113	32.03%	5.55	24.6	1.5	0.9	4.44	2.1
Intermediate	HM3887	Harris Moran	X			21,748	23.93%	5.47	25.8	1.3	1.3	4.39	2.3
Intermediate	HM3888	Harris Moran	X		X	12,695	13.97%	5.54	25.9	1.2	1.2	4.48	2.5
Intermediate	HM9905	Harris Moran			X	7,582	8.34%	5.19	24.9	1.0	0.8	4.42	1.8
Intermediate	N6394	Nunhems	X			4,466	4.91%	5.62	24.4	2.8	0.8	4.47	2.0
Intermediate	N6404	Nunhems	X			3,503	3.85%	5.28	25.3	2.6	2.1	4.46	1.6
Intermediate	UG16609	United Genetics	X			2,933	3.23%	5.54	24.4	2.4	0.4	4.34	1.5
Intermediate	CXD255	Harris Moran				2,079	2.29%	5.21	26.2	1.0	1.1	4.34	0.9
Intermediate	HP849	Seminis			X	1,683	1.85%	5.19	24.7	0.7	1.4	4.31	0.9
Intermediate	H9491	Heinz				1,151	1.27%	5.12	25.1	2.9	0.5	4.39	3.1
Intermediate	UG9436	United Genetics				1,009	1.11%	5.83	23.8	1.8	1.0	4.41	1.6
Intermediate	HM4886	Harris Moran	X			557	0.61%	6.42	25.4	1.9	1.4	4.39	1.2
Intermediate	SV8516TM	Seminis	X			526	0.58%	5.50	24.3	2.7	2.3	4.39	1.0
Intermediate	BP16	BHN Seed	X	X		395	0.43%	5.35	25.6	1.5	2.3	4.46	3.7
Intermediate	BQ142	Woodbridge	X	X		358	0.39%	5.42	24.3	3.0	1.6	4.42	1.0

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Based on PTAB 10/8/16

Category	Variety	Supplier	TSW	F3	EFS	Total Loads	% of Loads	Solids	Color	LU	Mold	pH	Green
Intermediate	PS002	Seminis	X			287	0.32%	5.04	24.5	2.3	4.7	4.46	0.8
Intermediate	HMX3884	Harris Moran	X			213	0.23%	5.68	26.1	1.2	0.3	4.34	0.3
Intermediate	N6431	Nunhems	X			121	0.13%	6.03	22.6	1.3	1.6	4.43	0.7
Intermediate	PS650	Seminis			X	108	0.12%	4.98	29.4	0.9	0.6	4.28	0.5
Intermediate	N6429	Nunhems	X	X	X	89	0.10%	4.94	25.7	1.5	2.3	4.44	1.6
Intermediate	HMX5899	Harris Moran	X			73	0.08%	6.17	25.1	0.8	1.0	4.32	1.2
Intermediate	SV8232TM	Seminis	X	X		64	0.07%	5.46	22.8	4.9	1.5	4.40	2.0
Intermediate	BQ312	Woodbridge	X			34	0.04%	5.34	24.7	1.5	0.5	4.36	1.1
Intermediate	US217	VoloAgri	X			26	0.03%	5.99	23.2	5.8	0.8	4.47	3.8
Intermediate	Lycomech	United Genetics				17	0.02%	5.52	27.4	0.5	0.0	4.22	10.5
Intermediate	UG10109	United Genetics	X			15	0.02%	4.58	24.6	2.3	0.6	4.38	1.0
Intermediate	BP24	BHN Seed	X	X		13	0.01%	5.01	26.6	0.7	1.6	4.39	1.3
Intermediate	BQ402	Woodbridge	X			11	0.01%	5.86	24.4	1.1	0.3	4.37	0.3
Intermediate	Nema Crimson	United Genetics				8	0.01%	4.89	24.6	0.3	0.0	4.18	6.7
Intermediate	HMX3885	Harris Moran	X			4	0.00%	5.53	24.8	0.6	0.6	4.43	0.9
Intermediate	BQ145	Woodbridge	X	X		3	0.00%	6.30	22.7	3.5	1.3	4.38	0.3
Intermediate	HMX4887	Harris Moran		X		3	0.00%	5.30	24.3	0.0	0.7	4.27	0.8
Intermediate	HMX3907	Harris Moran		X		1	0.00%	6.50	23.0	0.5	1.0	4.30	4.0
Intermediate	BQ129	Woodbridge	X			1	0.00%	5.30	23.0	0.0	0.5	4.57	2.0
Intermediate	BQ292	Woodbridge	X			1	0.00%	5.70	23.0	2.0	0.5	4.40	0.0
Intermediate	H2005	Heinz		X		1	0.00%	5.60	23.0	0.5	2.5	4.27	0.0
Intermediate Total						90,891	100.00%	5.48	25.2	1.5	1.1	4.42	2.1
Thick	H8504	Heinz			X	47,498	23.19%	5.27	24.5	0.9	0.9	4.33	2.2
Thick	H5608	Heinz	X			26,731	13.05%	4.95	23.9	1.5	1.8	4.40	1.9
Thick	N6415	Nunhems	X		X	22,248	10.86%	5.20	24.5	1.1	1.2	4.36	1.7
Thick	H4707	Heinz			X	13,214	6.45%	5.12	25.5	0.9	1.0	4.38	2.6
Thick	UG19406	United Genetics			X	11,585	5.66%	5.60	24.4	0.9	1.1	4.30	1.6
Thick	N6410	Nunhems			X	10,843	5.29%	5.35	24.8	1.5	1.5	4.40	2.9
Thick	H2401	Heinz			X	9,204	4.49%	5.12	24.7	1.2	1.6	4.34	2.7
Thick	H1428	Heinz	X		X	7,971	3.89%	4.94	23.8	0.7	1.2	4.33	2.7
Thick	HM4885	Harris Moran	X		X	7,258	3.54%	5.38	24.0	0.8	1.7	4.33	1.4
Thick	H5702	Heinz			X	6,614	3.23%	4.90	24.7	0.6	0.8	4.36	3.9
Thick	H5508	Heinz	X		X	5,828	2.85%	4.87	24.4	0.4	0.8	4.34	2.1
Thick	H9663	Heinz				4,771	2.33%	5.13	23.7	3.4	2.8	4.42	4.7
Thick	BQ141	Woodbridge	X	X		4,140	2.02%	4.98	24.6	3.7	2.0	4.42	4.4
Thick	HM4909	Harris Moran	X			3,892	1.90%	5.51	25.7	0.8	2.1	4.27	0.8
Thick	H5701	Heinz			X	3,369	1.64%	4.93	25.4	0.9	1.0	4.33	3.7
Thick	H5706	Heinz				3,346	1.63%	4.96	24.6	0.6	0.7	4.35	3.5
Thick	UG18806	United Genetics			X	2,187	1.07%	5.32	26.5	2.2	1.4	4.35	1.4
Thick	H1310	Heinz	X	X		2,138	1.04%	5.30	24.5	0.9	1.6	4.40	2.6
Thick	H1170	Heinz			X	1,782	0.87%	5.42	25.1	0.7	1.1	4.35	2.2
Thick	H9780	Heinz			X	1,571	0.77%	5.65	22.8	1.0	0.7	4.35	0.6
Thick	IVF5234	Seeds of Solution				1,535	0.75%	5.50	24.8	1.9	1.5	4.33	0.8
Thick	H1175	Heinz			X	1,328	0.65%	4.98	23.5	0.7	1.7	4.51	1.2
Thick	SV2756TM	Seminis	X		X	1,187	0.58%	5.20	24.5	0.8	1.0	4.39	1.9
Thick	SV2493TM	Seminis	X	X		1,010	0.49%	5.43	24.2	2.4	2.3	4.42	1.4
Thick	H1422	Heinz		X	X	662	0.32%	5.64	24.8	1.2	1.2	4.37	2.2
Thick	SV8011TM	Seminis	X			483	0.24%	5.25	23.9	1.1	2.1	4.37	0.6
Thick	CXD282	Harris Moran		X		480	0.23%	5.37	23.3	1.6	1.3	4.38	2.0
Thick	N6428	Nunhems	X	X	X	411	0.20%	5.09	25.5	0.9	1.6	4.39	1.4
Thick	SV6133TM	Seminis	X			326	0.16%	5.42	25.4	1.3	3.6	4.42	1.4
Thick	N6426	Nunhems	X		X	203	0.10%	5.30	22.0	1.0	1.8	4.39	1.2
Thick	Misc	Heinz				169	0.08%	5.06	25.3	1.0	1.2	4.36	3.2

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Variety Use Category Detail

Based on PTAB 10/8/16

Category	Variety	Supplier	TSW	F3	EFS	Total Loads	% of Loads	Solids	Color	LU	Mold	pH	Green
Thick	SV2303TM	Seminis	X			128	0.06%	5.22	23.8	1.1	1.5	4.41	0.7
Thick	H1311VHL™	Heinz			X	109	0.05%	5.60	24.1	1.3	1.1	4.32	0.7
Thick	UG16112	United Genetics	X		X	91	0.04%	5.43	23.9	0.4	0.6	4.36	1.7
Thick	HM9905	Harris Moran			X	91	0.04%	5.11	25.1	0.5	0.7	4.44	1.0
Thick	SV5655TM	Seminis	X			88	0.04%	5.24	24.9	0.8	1.8	4.38	1.1
Thick	HM58841	Harris Moran	X		X	62	0.03%	5.52	25.7	0.8	1.5	4.37	1.1
Thick	BP25	BHN Seed	X	X		53	0.03%	4.66	26.7	0.7	0.8	4.37	2.1
Thick	HM58871	Harris Moran	X			50	0.02%	5.72	26.2	0.4	1.1	4.32	1.9
Thick	HM58811	Harris Moran	X		X	47	0.02%	5.36	26.1	0.9	1.0	4.36	1.1
Thick	H1539	Heinz	X	X		30	0.01%	4.94	23.8	0.7	1.1	4.40	1.0
Thick	HMX5235	Harris Moran	X	X		22	0.01%	5.47	24.4	1.5	3.1	4.40	2.2
Thick	BP26	BHN Seed	X	X		18	0.01%	4.85	25.1	1.7	2.6	4.43	1.4
Thick	BP28	BHN Seed	X	X		13	0.01%	4.95	26.2	2.1	2.2	4.41	1.8
Thick	H1662	Heinz	X	X		13	0.01%	5.56	24.9	0.7	1.3	4.32	1.7
Thick	HM58801	Harris Moran	X	X		11	0.01%	5.39	24.0	0.8	2.2	4.35	0.7
Thick	H1546	Heinz				8	0.00%	4.94	24.3	0.1	0.9	4.29	3.0
Thick	K2930	Keithly Williams				7	0.00%	5.73	23.0	0.9	0.2	4.48	1.1
Thick	BOS2349	Orsetti	X		X	6	0.00%	4.83	25.5	0.8	2.8	4.32	1.9
Thick	UG15212	United Genetics	X		X	6	0.00%	4.70	25.5	0.6	1.6	4.33	2.3
Thick	C316	Harris Moran				5	0.00%	5.88	24.6	1.3	1.3	4.36	0.3
Thick	BOS2340	Orsetti	X		X	3	0.00%	4.77	24.7	2.2	5.2	4.41	2.2
Thick	BOS9015	Orsetti	X		X	2	0.00%	4.60	24.0	1.5	4.0	4.39	1.5
Thick	H1659	Heinz	X	X		1	0.00%	5.10	30.0	0.0	2.5	4.39	2.5
Thick	UG19306	United Genetics			X	1	0.00%	4.60	25.0	4.5	2.0	4.50	0.5
Thick	HM58841	Harris Moran	X		X	1	0.00%	5.80	22.0	0.0	0.5	4.27	0.5
Thick Total						204,850	100.00%	5.19	24.5	1.2	1.3	4.36	2.3
Pear	HM7885	Harris Moran			X	4,735	32.72%	5.22	25.0	1.2	0.8	4.54	0.8
Pear	H1293	Heinz	X			4,361	30.13%	5.61	23.6	0.9	0.9	4.48	1.6
Pear	H1292	Heinz	X			2,623	18.12%	5.78	23.1	2.5	0.7	4.47	1.3
Pear	N6420	Nunhems	X			2,493	17.23%	5.19	25.3	1.1	1.4	4.45	1.5
Pear	BOS67212	Orsetti				221	1.53%	5.36	24.0	2.2	1.8	4.40	1.2
Pear	HP108	Seminis				25	0.17%	5.17	25.4	1.6	0.8	4.55	1.3
Pear	H1538	Heinz	X			6	0.04%	5.15	23.5	0.8	0.5	4.33	0.5
Pear	CAL MARZANO 2	United Genetics				5	0.03%	4.44	25.6	0.2	2.1	4.42	0.9
Pear	HMX8163	Harris Moran	X			4	0.03%	5.65	24.5	0.6	0.9	4.37	0.8
Pear Total						14,473	100.00%	5.43	24.3	1.3	0.9	4.49	1.3
Misc Total						1,501	100.00%	5.36	25.1	1.4	1.3	4.38	2.6
Statewide	All	All				490,600	100.00%	5.37	24.7	1.5	1.1	4.38	2.0

Note: Thin Viscosity - Juice Bostwick > 14.65, Intermediate Viscosity - Juice Bostwick 13.40 - 14.65, Thick Viscosity - Juice Bostwick < 13.40

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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	BP2	Thin	X	X		3,368	48.83%	4.97	26.7	2.1	0.8	4.49	3.6
BHN Seed	BP13	Early	X	X		3,038	44.04%	4.86	27.4	1.8	0.4	4.39	3.5
BHN Seed	BP16	Intermediate	X	X		395	5.73%	5.35	25.6	1.5	2.3	4.46	3.7
BHN Seed	BP25	Thick	X	X		53	0.77%	4.66	26.7	0.7	0.8	4.37	2.1
BHN Seed	BP26	Thick	X	X		18	0.26%	4.85	25.1	1.7	2.6	4.43	1.4
BHN Seed	BP24	Intermediate	X	X		13	0.19%	5.01	26.6	0.7	1.6	4.39	1.3
BHN Seed	BP28	Thick	X	X		13	0.19%	4.95	26.2	2.1	2.2	4.41	1.8
BHN Seed Total						6,898	100.00%	4.94	27.0	1.9	0.7	4.45	3.6
Harris Moran	HM1892	Intermediate			X	29,113	30.29%	5.55	24.6	1.5	0.9	4.44	2.1
Harris Moran	HM3887	Intermediate	X			21,748	22.62%	5.47	25.8	1.3	1.3	4.39	2.3
Harris Moran	HM3888	Intermediate	X		X	12,695	13.21%	5.54	25.9	1.2	1.2	4.48	2.5
Harris Moran	HM9905	Intermediate			X	7,673	7.98%	5.19	24.9	1.0	0.8	4.42	1.8
Harris Moran	HM4885	Thick	X		X	7,258	7.55%	5.38	24.0	0.8	1.7	4.33	1.4
Harris Moran	HM7885	Pear			X	4,735	4.93%	5.22	25.0	1.2	0.8	4.54	0.8
Harris Moran	HM4909	Thick	X			3,892	4.05%	5.51	25.7	0.8	2.1	4.27	0.8
Harris Moran	CXD187	Early				2,590	2.69%	4.72	24.4	2.6	0.4	4.43	1.9
Harris Moran	CXD255	Intermediate				2,079	2.16%	5.21	26.2	1.0	1.1	4.34	0.9
Harris Moran	Shasta	Early				1,769	1.84%	5.31	26.6	3.0	0.4	4.23	1.6
Harris Moran	HM5900	Early	X			639	0.66%	5.58	26.1	2.9	0.6	4.32	1.9
Harris Moran	HM4886	Intermediate	X			557	0.58%	6.42	25.4	1.9	1.4	4.39	1.2
Harris Moran	CXD282	Thick		X		480	0.50%	5.37	23.3	1.6	1.3	4.38	2.0
Harris Moran	HM1893	Early	X			370	0.38%	5.69	24.4	3.0	0.2	4.31	0.9
Harris Moran	HMX3884	Intermediate	X			213	0.22%	5.68	26.1	1.2	0.3	4.34	0.3
Harris Moran	HMX5899	Intermediate	X			73	0.08%	6.17	25.1	0.8	1.0	4.32	1.2
Harris Moran	HM58841	Thick	X		X	62	0.06%	5.52	25.7	0.8	1.5	4.37	1.1
Harris Moran	HM58871	Thick	X			50	0.05%	5.72	26.2	0.4	1.1	4.32	1.9
Harris Moran	HM58811	Thick	X		X	47	0.05%	5.36	26.1	0.9	1.0	4.36	1.1
Harris Moran	FM1115	Thin				28	0.03%	5.13	24.8	2.3	2.9	4.46	2.9
Harris Moran	HMX5235	Thick	X	X		22	0.02%	5.47	24.4	1.5	3.1	4.40	2.2
Harris Moran	HM58801	Thick	X	X		11	0.01%	5.39	24.0	0.8	2.2	4.35	0.7
Harris Moran	C316	Thick				5	0.01%	5.88	24.6	1.3	1.3	4.36	0.3
Harris Moran	HMX3885	Intermediate	X			4	0.00%	5.53	24.8	0.6	0.6	4.43	0.9
Harris Moran	HMX8163	Pear	X			4	0.00%	5.65	24.5	0.6	0.9	4.37	0.8
Harris Moran	HM58881	Early	X			3	0.00%	5.73	24.7	3.8	0.2	4.42	2.8
Harris Moran	HMX4887	Intermediate		X		3	0.00%	5.30	24.3	0.0	0.7	4.27	0.8
Harris Moran	HM7883	Thin			X	1	0.00%	4.80	23.0	2.0	1.5	4.55	0.5
Harris Moran	HMX3907	Intermediate		X		1	0.00%	6.50	23.0	0.5	1.0	4.30	4.0
Harris Moran	HM58841	Thick	X		X	1	0.00%	5.80	22.0	0.0	0.5	4.27	0.5
Harris Moran Total						96,126	100.00%	5.44	25.2	1.3	1.1	4.41	1.9
Heinz	H8504	Thick			X	47,498	30.90%	5.27	24.5	0.9	0.9	4.33	2.2
Heinz	H5608	Thick	X			26,731	17.39%	4.95	23.9	1.5	1.8	4.40	1.9
Heinz	H4707	Thick			X	13,214	8.60%	5.12	25.5	0.9	1.0	4.38	2.6
Heinz	H2401	Thick			X	9,204	5.99%	5.12	24.7	1.2	1.6	4.34	2.7
Heinz	H1428	Thick	X		X	7,971	5.19%	4.94	23.8	0.7	1.2	4.33	2.7
Heinz	H1015	Early			X	7,465	4.86%	5.11	25.1	1.3	0.6	4.44	2.2
Heinz	H5702	Thick			X	6,614	4.30%	4.90	24.7	0.6	0.8	4.36	3.9
Heinz	H5508	Thick	X		X	5,828	3.79%	4.87	24.4	0.4	0.8	4.34	2.1
Heinz	H9663	Thick				4,771	3.10%	5.13	23.7	3.4	2.8	4.42	4.7
Heinz	H1293	Pear	X			4,361	2.84%	5.61	23.6	0.9	0.9	4.48	1.6
Heinz	H5701	Thick			X	3,369	2.19%	4.93	25.4	0.9	1.0	4.33	3.7
Heinz	H5706	Thick				3,346	2.18%	4.96	24.6	0.6	0.7	4.35	3.5
Heinz	H1292	Pear	X			2,623	1.71%	5.78	23.1	2.5	0.7	4.47	1.3
Heinz	H1310	Thick	X	X		2,138	1.39%	5.30	24.5	0.9	1.6	4.40	2.6

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Based on PTAB 10/8/16

Supplier	Variety	Category	TSW	F3	EFS	Total Loads	% of Loads	Solids	Color	LU	Mold	pH	Green
Heinz	H1170	Thick			X	1,782	1.16%	5.42	25.1	0.7	1.1	4.35	2.2
Heinz	H9780	Thick			X	1,571	1.02%	5.65	22.8	1.0	0.7	4.35	0.6
Heinz	H1175	Thick			X	1,328	0.86%	4.98	23.5	0.7	1.7	4.51	1.2
Heinz	H1161	Thin				1,174	0.76%	5.90	25.5	2.9	0.6	4.34	1.8
Heinz	H9491	Intermediate				1,151	0.75%	5.12	25.1	2.9	0.5	4.39	3.1
Heinz	H1422	Thick		X	X	662	0.43%	5.64	24.8	1.2	1.2	4.37	2.2
Heinz	H5003	Early				491	0.32%	4.77	26.5	4.2	0.8	4.45	3.0
Heinz	Misc	Thick				169	0.11%	5.06	25.3	1.0	1.2	4.36	3.2
Heinz	H1311VHL™	Thick			X	109	0.07%	5.60	24.1	1.3	1.1	4.32	0.7
Heinz	H1424	Thin	X			69	0.04%	5.60	24.8	1.7	0.8	4.31	2.3
Heinz	H1539	Thick	X	X		30	0.02%	4.94	23.8	0.7	1.1	4.40	1.0
Heinz	H1662	Thick	X	X		13	0.01%	5.56	24.9	0.7	1.3	4.32	1.7
Heinz	H1546	Thick				8	0.01%	4.94	24.3	0.1	0.9	4.29	3.0
Heinz	H1538	Pear	X			6	0.00%	5.15	23.5	0.8	0.5	4.33	0.5
Heinz	H2005	Intermediate		X		1	0.00%	5.60	23.0	0.5	2.5	4.27	0.0
Heinz	H1659	Thick	X	X		1	0.00%	5.10	30.0	0.0	2.5	4.39	2.5
Heinz Total						153,698	100.00%	5.15	24.4	1.1	1.2	4.37	2.4
Keithly Williams	K2770	Early				188	95.92%	5.18	25.0	0.9	0.2	4.26	1.1
Keithly Williams	K2930	Thick				7	3.57%	5.73	23.0	0.9	0.2	4.48	1.1
Keithly Williams	K2718	Early				1	0.51%	4.90	26.0	0.5	2.5	4.40	0.5
Keithly Williams Total						196	100.00%	5.20	24.9	0.9	0.2	4.26	1.1
Nunhems	N6366	Thin				32,261	30.31%	5.53	25.2	2.4	0.7	4.40	1.6
Nunhems	N6415	Thick	X		X	22,248	20.90%	5.20	24.5	1.1	1.2	4.36	1.7
Nunhems	N6416	Early	X			16,810	15.79%	5.10	24.9	1.6	0.3	4.31	1.8
Nunhems	N6410	Thick			X	10,843	10.19%	5.35	24.8	1.5	1.5	4.40	2.9
Nunhems	N6397	Early				6,836	6.42%	5.25	24.8	1.4	0.5	4.41	1.8
Nunhems	N6402	Thin	X			5,279	4.96%	5.61	25.2	1.6	1.0	4.42	1.9
Nunhems	N6394	Intermediate	X			4,466	4.20%	5.62	24.4	2.8	0.8	4.47	2.0
Nunhems	N6404	Intermediate	X			3,503	3.29%	5.28	25.3	2.6	2.1	4.46	1.6
Nunhems	N6420	Pear	X			2,493	2.34%	5.19	25.3	1.1	1.4	4.45	1.5
Nunhems	U373	Early				613	0.58%	4.77	24.6	2.7	1.6	4.38	1.3
Nunhems	N6428	Thick	X	X	X	411	0.39%	5.09	25.5	0.9	1.6	4.39	1.4
Nunhems	N6407	Thin	X		X	260	0.24%	5.86	26.3	0.3	0.6	4.33	1.5
Nunhems	N6426	Thick	X		X	203	0.19%	5.30	22.0	1.0	1.8	4.39	1.2
Nunhems	N6431	Intermediate	X			121	0.11%	6.03	22.6	1.3	1.6	4.43	0.7
Nunhems	N6429	Intermediate	X	X	X	89	0.08%	4.94	25.7	1.5	2.3	4.44	1.6
Nunhems Total						106,436	100.00%	5.34	24.9	1.8	0.9	4.38	1.8
Orsetti	BOS67212	Pear				221	86.67%	5.36	24.0	2.2	1.8	4.40	1.2
Orsetti	BOS602	Early				23	9.02%	5.70	25.4	0.7	2.2	4.37	0.3
Orsetti	BOS2349	Thick	X		X	6	2.35%	4.83	25.5	0.8	2.8	4.32	1.9
Orsetti	BOS2340	Thick	X		X	3	1.18%	4.77	24.7	2.2	5.2	4.41	2.2
Orsetti	BOS9015	Thick	X		X	2	0.78%	4.60	24.0	1.5	4.0	4.39	1.5
Orsetti Total						255	100.00%	5.36	24.2	2.0	1.9	4.40	1.2
Seeds of Solution	IVF5234	Thick				1,535	100.00%	5.50	24.8	1.9	1.5	4.33	0.8
Seeds of Solution Total						1,535	100.00%	5.50	24.8	1.9	1.5	4.33	0.8
Seminis	AB0311	Thin	X			40,496	48.66%	5.81	23.8	1.6	1.4	4.34	1.5
Seminis	DRI319	Thin	X			33,198	39.89%	5.81	24.7	2.1	1.3	4.37	1.3
Seminis	APT410	Early				2,295	2.76%	4.93	26.5	2.7	0.6	4.37	2.1
Seminis	HP849	Intermediate			X	1,683	2.02%	5.19	24.7	0.7	1.4	4.31	0.9
Seminis	SV0599TM	Early				1,310	1.57%	5.21	26.9	0.9	0.4	4.33	0.6
Seminis	SV2756TM	Thick	X		X	1,187	1.43%	5.20	24.5	0.8	1.0	4.39	1.9
Seminis	SV2493TM	Thick	X	X		1,010	1.21%	5.43	24.2	2.4	2.3	4.42	1.4
Seminis	SV8516TM	Intermediate	X			526	0.63%	5.50	24.3	2.7	2.3	4.39	1.0

2016 California Processing Tomato

Supplier Detail

Based on PTAB 10/8/16

Supplier	Variety	Category	TSW	F3	EFS	Total Loads	% of Loads	Solids	Color	LU	Mold	pH	Green
Seminis	SV8011TM	Thick	X			483	0.58%	5.25	23.9	1.1	2.1	4.37	0.6
Seminis	SV6133TM	Thick	X			326	0.39%	5.42	25.4	1.3	3.6	4.42	1.4
Seminis	PS002	Intermediate	X			287	0.34%	5.04	24.5	2.3	4.7	4.46	0.8
Seminis	SV2303TM	Thick	X			128	0.15%	5.22	23.8	1.1	1.5	4.41	0.7
Seminis	PS650	Intermediate			X	108	0.13%	4.98	29.4	0.9	0.6	4.28	0.5
Seminis	SV5655TM	Thick	X			88	0.11%	5.24	24.9	0.8	1.8	4.38	1.1
Seminis	SV8232TM	Intermediate	X	X		64	0.08%	5.46	22.8	4.9	1.5	4.40	2.0
Seminis	HP108	Pear				25	0.03%	5.17	25.4	1.6	0.8	4.55	1.3
Seminis	AB2	Thin				1	0.00%	5.80	25.0	4.0	1.5	4.34	1.0
Seminis Total						83,215	100.00%	5.74	24.3	1.8	1.4	4.35	1.4
United Genetics	UG19406	Thick			X	11,585	64.88%	5.60	24.4	0.9	1.1	4.30	1.6
United Genetics	UG16609	Intermediate	X			2,933	16.42%	5.54	24.4	2.4	0.4	4.34	1.5
United Genetics	UG18806	Thick			X	2,187	12.25%	5.32	26.5	2.2	1.4	4.35	1.4
United Genetics	UG9436	Intermediate				1,009	5.65%	5.83	23.8	1.8	1.0	4.41	1.6
United Genetics	UG16112	Thick	X		X	91	0.51%	5.43	23.9	0.4	0.6	4.36	1.7
United Genetics	Lycomech	Intermediate				17	0.10%	5.52	27.4	0.5	0.0	4.22	10.5
United Genetics	UG10109	Intermediate	X			15	0.08%	4.58	24.6	2.3	0.6	4.38	1.0
United Genetics	Nema Crimson	Intermediate				8	0.04%	4.89	24.6	0.3	0.0	4.18	6.7
United Genetics	UG15212	Thick	X		X	6	0.03%	4.70	25.5	0.6	1.6	4.33	2.3
United Genetics	CAL MARZANO 2	Pear				5	0.03%	4.44	25.6	0.2	2.1	4.42	0.9
United Genetics	UG19306	Thick			X	1	0.01%	4.60	25.0	4.5	2.0	4.50	0.5
United Genetics Total						17,857	100.00%	5.56	24.6	1.3	1.0	4.32	1.6
Woodbridge	BQ273	Early	X			14,900	65.19%	5.41	24.9	1.5	0.5	4.34	2.3
Woodbridge	BQ141	Thick	X	X		4,140		4.98	24.6	3.7	2.0	4.42	4.4
Woodbridge	BQ205	Thin				1,533		5.68	25.4	2.0	1.1	4.38	1.0
Woodbridge	BQ206	Thin				1,113		5.59	25.4	1.8	1.0	4.35	0.8
Woodbridge	BQ142	Intermediate	X	X		358		5.42	24.3	3.0	1.6	4.42	1.0
Woodbridge	BQ400	Early	X			314		5.66	22.7	1.0	0.4	4.40	1.0
Woodbridge	BQ313	Thin	X			170		4.84	24.6	3.5	0.7	4.42	1.1
Woodbridge	BQ296	Thin	X			141		5.91	27.2	1.3	1.6	4.33	1.6
Woodbridge	BQ163	Thin				102		5.09	29.7	2.5	0.5	4.42	3.1
Woodbridge	BQ403	Early	X			34		5.70	24.6	1.0	0.4	4.30	1.3
Woodbridge	BQ312	Intermediate	X			34		5.34	24.7	1.5	0.5	4.36	1.1
Woodbridge	BQ402	Intermediate	X			11		5.86	24.4	1.1	0.3	4.37	0.3
Woodbridge	BQ145	Intermediate	X	X		3		6.30	22.7	3.5	1.3	4.38	0.3
Woodbridge	BQ401	Early	X			2		4.95	26.0	0.8	0.3	4.45	0.0
Woodbridge	BQ129	Intermediate	X			1		5.30	23.0	0.0	0.5	4.57	2.0
Woodbridge	BQ292	Intermediate	X			1		5.70	23.0	2.0	0.5	4.40	0.0
Woodbridge Total						22,857		5.36	24.9	1.9	0.9	4.36	2.5
Misc Total						1,527		5.37	25.1	1.5	1.3	4.39	2.6
All	All	Statewide				490,600		5.37	24.7	1.5	1.1	4.38	2.0

Note: Thin Viscosity - Juice Bostwick > 14.65, Intermediate Viscosity - Juice Bostwick 13.40 - 14.65, Thick Viscosity - Juice Bostwick < 13.40

2016 California Processing Tomato

Solids Sort (High to Low) > 1,500 Loads

Based on PTAB 10/8/16

Variety	Supplier	Category	TSW	F3	EFS	Total Loads	Solids	Color	LU	Mold	pH	Green
DRI319	Seminis	Thin	X			33,198	5.81	24.7	2.1	1.3	4.37	1.3
AB0311	Seminis	Thin	X			40,496	5.81	23.8	1.6	1.4	4.34	1.5
H1292	Heinz	Pear	X			2,623	5.78	23.1	2.5	0.7	4.47	1.3
BQ205	Woodbridge	Thin				1,533	5.68	25.4	2.0	1.1	4.38	1.0
H9780	Heinz	Thick			X	1,571	5.65	22.8	1.0	0.7	4.35	0.6
N6394	Nunhems	Intermediate	X			4,466	5.62	24.4	2.8	0.8	4.47	2.0
N6402	Nunhems	Thin	X			5,279	5.61	25.2	1.6	1.0	4.42	1.9
H1293	Heinz	Pear	X			4,361	5.61	23.6	0.9	0.9	4.48	1.6
UG19406	United Genetics	Thick			X	11,585	5.60	24.4	0.9	1.1	4.30	1.6
HM1892	Harris Moran	Intermediate			X	29,113	5.55	24.6	1.5	0.9	4.44	2.1
HM3888	Harris Moran	Intermediate	X		X	12,695	5.54	25.9	1.2	1.2	4.48	2.5
UG16609	United Genetics	Intermediate	X			2,933	5.54	24.4	2.4	0.4	4.34	1.5
N6366	Nunhems	Thin				32,261	5.53	25.2	2.4	0.7	4.40	1.6
HM4909	Harris Moran	Thick	X			3,892	5.51	25.7	0.8	2.1	4.27	0.8
IVF5234	Seeds of Solution	Thick				1,535	5.50	24.8	1.9	1.5	4.33	0.8
HM3887	Harris Moran	Intermediate	X			21,748	5.47	25.8	1.3	1.3	4.39	2.3
H1170	Heinz	Thick			X	1,782	5.42	25.1	0.7	1.1	4.35	2.2
BQ273	Woodbridge	Early	X			14,900	5.41	24.9	1.5	0.5	4.34	2.3
HM4885	Harris Moran	Thick	X		X	7,257	5.38	24.0	0.8	1.7	4.33	1.4
N6410	Nunhems	Thick			X	10,843	5.35	24.8	1.5	1.5	4.40	2.9
UG18806	United Genetics	Thick			X	2,187	5.32	26.5	2.2	1.4	4.35	1.4
Shasta	Harris Moran	Early				1,769	5.31	26.6	3.0	0.4	4.23	1.6
H1310	Heinz	Thick	X	X		2,138	5.30	24.5	0.9	1.6	4.40	2.6
N6404	Nunhems	Intermediate	X			3,503	5.28	25.3	2.6	2.1	4.46	1.6
H8504	Heinz	Thick			X	47,498	5.27	24.5	0.9	0.9	4.33	2.2
N6397	Nunhems	Early				6,836	5.25	24.8	1.4	0.5	4.41	1.8
HM7885	Harris Moran	Pear			X	4,735	5.22	25.0	1.2	0.8	4.54	0.8
CXD255	Harris Moran	Intermediate				2,079	5.21	26.2	1.0	1.1	4.34	0.9
N6415	Nunhems	Thick	X		X	22,248	5.20	24.5	1.1	1.2	4.36	1.7
HM9905	Harris Moran	Intermediate			X	7,582	5.19	24.9	1.0	0.8	4.42	1.8
HP849	Seminis	Intermediate			X	1,683	5.19	24.7	0.7	1.4	4.31	0.9
N6420	Nunhems	Pear	X			2,493	5.19	25.3	1.1	1.4	4.45	1.5
H9663	Heinz	Thick				4,771	5.13	23.7	3.4	2.8	4.42	4.7
H2401	Heinz	Thick			X	9,204	5.12	24.7	1.2	1.6	4.34	2.7
H4707	Heinz	Thick			X	13,214	5.12	25.5	0.9	1.0	4.38	2.6
H1015	Heinz	Early			X	7,465	5.11	25.1	1.3	0.6	4.44	2.2
N6416	Nunhems	Early	X			16,810	5.10	24.9	1.6	0.3	4.31	1.8
BQ141	Woodbridge	Thick	X	X		4,140	4.98	24.6	3.7	2.0	4.42	4.4
BP2	BHN Seed	Thin	X	X		3,368	4.97	26.7	2.1	0.8	4.49	3.6
H5706	Heinz	Thick				3,346	4.96	24.6	0.6	0.7	4.35	3.5
H5608	Heinz	Thick	X			26,731	4.95	23.9	1.5	1.8	4.40	1.9
H1428	Heinz	Thick	X		X	7,971	4.94	23.8	0.7	1.2	4.33	2.7
APT410	Seminis	Early				2,295	4.93	26.5	2.7	0.6	4.37	2.1
H5701	Heinz	Thick			X	3,369	4.93	25.4	0.9	1.0	4.33	3.7
H5702	Heinz	Thick			X	6,614	4.90	24.7	0.6	0.8	4.36	3.9
H5508	Heinz	Thick	X		X	5,828	4.87	24.4	0.4	0.8	4.34	2.1
BP13	BHN Seed	Early	X	X		3,038	4.86	27.4	1.8	0.4	4.39	3.5
CXD187	Harris Moran	Early				2,590	4.72	24.4	2.6	0.4	4.43	1.9

Note: Thin Viscosity - Juice Bostwick > 14.65, Intermediate Viscosity - Juice Bostwick 13.40 - 14.65, Thick Viscosity - Juice Bostwick < 13.40

2016 California Processing Tomato

Color Sort (Low to High) > 1,500 Loads

Based on PTAB 10/8/16

Variety	Supplier	Category	TSW	F3	EFS	Total Loads	Solids	Color	LU	Mold	pH	Green
H9780	Heinz	Thick			X	1,571	5.65	22.8	1.0	0.7	4.35	0.6
H1292	Heinz	Pear	X			2,623	5.78	23.1	2.5	0.7	4.47	1.3
H1293	Heinz	Pear	X			4,361	5.61	23.6	0.9	0.9	4.48	1.6
H9663	Heinz	Thick				4,771	5.13	23.7	3.4	2.8	4.42	4.7
H1428	Heinz	Thick	X		X	7,971	4.94	23.8	0.7	1.2	4.33	2.7
AB0311	Seminis	Thin	X			40,496	5.81	23.8	1.6	1.4	4.34	1.5
H5608	Heinz	Thick	X			26,731	4.95	23.9	1.5	1.8	4.40	1.9
HM4885	Harris Moran	Thick	X		X	7,257	5.38	24.0	0.8	1.7	4.33	1.4
UG19406	United Genetics	Thick			X	11,585	5.60	24.4	0.9	1.1	4.30	1.6
N6394	Nunhems	Intermediate	X			4,466	5.62	24.4	2.8	0.8	4.47	2.0
CXD187	Harris Moran	Early				2,590	4.72	24.4	2.6	0.4	4.43	1.9
H5508	Heinz	Thick	X		X	5,828	4.87	24.4	0.4	0.8	4.34	2.1
UG16609	United Genetics	Intermediate	X			2,933	5.54	24.4	2.4	0.4	4.34	1.5
N6415	Nunhems	Thick	X		X	22,248	5.20	24.5	1.1	1.2	4.36	1.7
H8504	Heinz	Thick			X	47,498	5.27	24.5	0.9	0.9	4.33	2.2
H1310	Heinz	Thick	X	X		2,138	5.30	24.5	0.9	1.6	4.40	2.6
BQ141	Woodbridge	Thick	X	X		4,140	4.98	24.6	3.7	2.0	4.42	4.4
HM1892	Harris Moran	Intermediate			X	29,113	5.55	24.6	1.5	0.9	4.44	2.1
H5706	Heinz	Thick				3,346	4.96	24.6	0.6	0.7	4.35	3.5
H2401	Heinz	Thick			X	9,204	5.12	24.7	1.2	1.6	4.34	2.7
DRI319	Seminis	Thin	X			33,198	5.81	24.7	2.1	1.3	4.37	1.3
H5702	Heinz	Thick			X	6,614	4.90	24.7	0.6	0.8	4.36	3.9
HP849	Seminis	Intermediate			X	1,683	5.19	24.7	0.7	1.4	4.31	0.9
N6397	Nunhems	Early				6,836	5.25	24.8	1.4	0.5	4.41	1.8
N6410	Nunhems	Thick			X	10,843	5.35	24.8	1.5	1.5	4.40	2.9
IVF5234	Seeds of Solution	Thick				1,535	5.50	24.8	1.9	1.5	4.33	0.8
N6416	Nunhems	Early	X			16,810	5.10	24.9	1.6	0.3	4.31	1.8
HM9905	Harris Moran	Intermediate			X	7,582	5.19	24.9	1.0	0.8	4.42	1.8
BQ273	Woodbridge	Early	X			14,900	5.41	24.9	1.5	0.5	4.34	2.3
HM7885	Harris Moran	Pear			X	4,735	5.22	25.0	1.2	0.8	4.54	0.8
H1170	Heinz	Thick			X	1,782	5.42	25.1	0.7	1.1	4.35	2.2
H1015	Heinz	Early			X	7,465	5.11	25.1	1.3	0.6	4.44	2.2
N6366	Nunhems	Thin				32,261	5.53	25.2	2.4	0.7	4.40	1.6
N6402	Nunhems	Thin	X			5,279	5.61	25.2	1.6	1.0	4.42	1.9
N6404	Nunhems	Intermediate	X			3,503	5.28	25.3	2.6	2.1	4.46	1.6
N6420	Nunhems	Pear	X			2,493	5.19	25.3	1.1	1.4	4.45	1.5
BQ205	Woodbridge	Thin				1,533	5.68	25.4	2.0	1.1	4.38	1.0
H5701	Heinz	Thick			X	3,369	4.93	25.4	0.9	1.0	4.33	3.7
H4707	Heinz	Thick			X	13,214	5.12	25.5	0.9	1.0	4.38	2.6
HM4909	Harris Moran	Thick	X			3,892	5.51	25.7	0.8	2.1	4.27	0.8
HM3887	Harris Moran	Intermediate	X			21,748	5.47	25.8	1.3	1.3	4.39	2.3
HM3888	Harris Moran	Intermediate	X		X	12,695	5.54	25.9	1.2	1.2	4.48	2.5
CXD255	Harris Moran	Intermediate				2,079	5.21	26.2	1.0	1.1	4.34	0.9
APT410	Seminis	Early				2,295	4.93	26.5	2.7	0.6	4.37	2.1
UG18806	United Genetics	Thick			X	2,187	5.32	26.5	2.2	1.4	4.35	1.4
Shasta	Harris Moran	Early				1,769	5.31	26.6	3.0	0.4	4.23	1.6
BP2	BHN Seed	Thin	X	X		3,368	4.97	26.7	2.1	0.8	4.49	3.6
BP13	BHN Seed	Early	X	X		3,038	4.86	27.4	1.8	0.4	4.39	3.5

Note: Thin Viscosity - Juice Bostwick > 14.65, Intermediate Viscosity - Juice Bostwick 13.40 - 14.65, Thick Viscosity - Juice Bostwick < 13.40

2016 California Processing Tomato

Limited Use Sort (Low to High) > 1,500 Loads

Based on PTAB 10/8/16

Variety	Supplier	Category	TSW	F3	EFS	Total Loads	Solids	Color	LU	Mold	pH	Green
H5508	Heinz	Thick	X		X	5,828	4.87	24.4	0.4	0.8	4.34	2.1
H5702	Heinz	Thick			X	6,614	4.90	24.7	0.6	0.8	4.36	3.9
H5706	Heinz	Thick				3,346	4.96	24.6	0.6	0.7	4.35	3.5
H1170	Heinz	Thick			X	1,782	5.42	25.1	0.7	1.1	4.35	2.2
HP849	Seminis	Intermediate			X	1,683	5.19	24.7	0.7	1.4	4.31	0.9
H1428	Heinz	Thick	X		X	7,971	4.94	23.8	0.7	1.2	4.33	2.7
HM4909	Harris Moran	Thick	X			3,892	5.51	25.7	0.8	2.1	4.27	0.8
HM4885	Heinz	Thick	X		X	7,257	5.38	24.0	0.8	1.7	4.33	1.4
H5701	Heinz	Thick			X	3,369	4.93	25.4	0.9	1.0	4.33	3.7
UG19406	United Genetics	Thick			X	11,585	5.60	24.4	0.9	1.1	4.30	1.6
H1310	Heinz	Thick	X	X		2,138	5.30	24.5	0.9	1.6	4.40	2.6
H4707	Heinz	Thick			X	13,214	5.12	25.5	0.9	1.0	4.38	2.6
H8504	Heinz	Thick			X	47,498	5.27	24.5	0.9	0.9	4.33	2.2
H1293	Heinz	Pear	X			4,361	5.61	23.6	0.9	0.9	4.48	1.6
HM9905	Harris Moran	Intermediate			X	7,582	5.19	24.9	1.0	0.8	4.42	1.8
H9780	Heinz	Thick			X	1,571	5.65	22.8	1.0	0.7	4.35	0.6
CXD255	Harris Moran	Intermediate				2,079	5.21	26.2	1.0	1.1	4.34	0.9
N6420	Nunhems	Pear	X			2,493	5.19	25.3	1.1	1.4	4.45	1.5
N6415	Nunhems	Thick	X		X	22,248	5.20	24.5	1.1	1.2	4.36	1.7
HM3888	Harris Moran	Intermediate	X		X	12,695	5.54	25.9	1.2	1.2	4.48	2.5
HM7885	Harris Moran	Pear			X	4,735	5.22	25.0	1.2	0.8	4.54	0.8
H2401	Heinz	Thick			X	9,204	5.12	24.7	1.2	1.6	4.34	2.7
H1015	Heinz	Early			X	7,465	5.11	25.1	1.3	0.6	4.44	2.2
HM3887	Harris Moran	Intermediate	X			21,748	5.47	25.8	1.3	1.3	4.39	2.3
N6397	Nunhems	Early				6,836	5.25	24.8	1.4	0.5	4.41	1.8
BQ273	Woodbridge	Early	X			14,900	5.41	24.9	1.5	0.5	4.34	2.3
H5608	Heinz	Thick	X			26,731	4.95	23.9	1.5	1.8	4.40	1.9
HM1892	Harris Moran	Intermediate			X	29,113	5.55	24.6	1.5	0.9	4.44	2.1
N6410	Nunhems	Thick			X	10,843	5.35	24.8	1.5	1.5	4.40	2.9
N6416	Nunhems	Early	X			16,810	5.10	24.9	1.6	0.3	4.31	1.8
AB0311	Seminis	Thin	X			40,496	5.81	23.8	1.6	1.4	4.34	1.5
N6402	Nunhems	Thin	X			5,279	5.61	25.2	1.6	1.0	4.42	1.9
BP13	BHN Seed	Early	X	X		3,038	4.86	27.4	1.8	0.4	4.39	3.5
IVF5234	Seeds of Solution	Thick				1,535	5.50	24.8	1.9	1.5	4.33	0.8
BQ205	Woodbridge	Thin				1,533	5.68	25.4	2.0	1.1	4.38	1.0
BP2	BHN Seed	Thin	X	X		3,368	4.97	26.7	2.1	0.8	4.49	3.6
DRI319	Seminis	Thin	X			33,198	5.81	24.7	2.1	1.3	4.37	1.3
UG18806	United Genetics	Thick			X	2,187	5.32	26.5	2.2	1.4	4.35	1.4
UG16609	United Genetics	Intermediate	X			2,933	5.54	24.4	2.4	0.4	4.34	1.5
N6366	Nunhems	Thin				32,261	5.53	25.2	2.4	0.7	4.40	1.6
H1292	Heinz	Pear	X			2,623	5.78	23.1	2.5	0.7	4.47	1.3
CXD187	Harris Moran	Early				2,590	4.72	24.4	2.6	0.4	4.43	1.9
N6404	Nunhems	Intermediate	X			3,503	5.28	25.3	2.6	2.1	4.46	1.6
APT410	Seminis	Early				2,295	4.93	26.5	2.7	0.6	4.37	2.1
N6394	Nunhems	Intermediate	X			4,466	5.62	24.4	2.8	0.8	4.47	2.0
Shasta	Harris Moran	Early				1,769	5.31	26.6	3.0	0.4	4.23	1.6
H9663	Heinz	Thick				4,771	5.13	23.7	3.4	2.8	4.42	4.7
BQ141	Woodbridge	Thick	X	X		4,140	4.98	24.6	3.7	2.0	4.42	4.4

Note: Thin Viscosity - Juice Bostwick > 14.65, Intermediate Viscosity - Juice Bostwick 13.40 - 14.65, Thick Viscosity - Juice Bostwick < 13.40

2016 California Processing Tomato

Mold Sort (Low to High) > 1,500 Loads

Based on PTAB 10/8/16

Variety	Supplier	Category	TSW	F3	EFS	Total Loads	Solids	Color	LU	Mold	pH	Green
N6416	Nunhems	Early	X			16,810	5.10	24.9	1.6	0.3	4.31	1.8
CXD187	Harris Moran	Early				2,590	4.72	24.4	2.6	0.4	4.43	1.9
BP13	BHN Seed	Early	X	X		3,038	4.86	27.4	1.8	0.4	4.39	3.5
UG16609	United Genetics	Intermediate	X			2,933	5.54	24.4	2.4	0.4	4.34	1.5
Shasta	Harris Moran	Early				1,769	5.31	26.6	3.0	0.4	4.23	1.6
BQ273	Woodbridge	Early	X			14,900	5.41	24.9	1.5	0.5	4.34	2.3
N6397	Nunhems	Early				6,836	5.25	24.8	1.4	0.5	4.41	1.8
APT410	Seminis	Early				2,295	4.93	26.5	2.7	0.6	4.37	2.1
H1015	Heinz	Early			X	7,465	5.11	25.1	1.3	0.6	4.44	2.2
N6366	Nunhems	Thin				32,261	5.53	25.2	2.4	0.7	4.40	1.6
H1292	Heinz	Pear	X			2,623	5.78	23.1	2.5	0.7	4.47	1.3
H5706	Heinz	Thick				3,346	4.96	24.6	0.6	0.7	4.35	3.5
H9780	Heinz	Thick			X	1,571	5.65	22.8	1.0	0.7	4.35	0.6
N6394	Nunhems	Intermediate	X			4,466	5.62	24.4	2.8	0.8	4.47	2.0
HM7885	Harris Moran	Pear			X	4,735	5.22	25.0	1.2	0.8	4.54	0.8
BP2	BHN Seed	Thin	X	X		3,368	4.97	26.7	2.1	0.8	4.49	3.6
H5702	Heinz	Thick			X	6,614	4.90	24.7	0.6	0.8	4.36	3.9
H5508	Heinz	Thick	X		X	5,828	4.87	24.4	0.4	0.8	4.34	2.1
HM9905	Harris Moran	Intermediate			X	7,582	5.19	24.9	1.0	0.8	4.42	1.8
HM1892	Harris Moran	Intermediate			X	29,113	5.55	24.6	1.5	0.9	4.44	2.1
H8504	Heinz	Thick			X	47,498	5.27	24.5	0.9	0.9	4.33	2.2
H1293	Heinz	Pear	X			4,361	5.61	23.6	0.9	0.9	4.48	1.6
N6402	Nunhems	Thin	X			5,279	5.61	25.2	1.6	1.0	4.42	1.9
H5701	Heinz	Thick			X	3,369	4.93	25.4	0.9	1.0	4.33	3.7
H4707	Heinz	Thick			X	13,214	5.12	25.5	0.9	1.0	4.38	2.6
CXD255	Harris Moran	Intermediate				2,079	5.21	26.2	1.0	1.1	4.34	0.9
BQ205	Woodbridge	Thin				1,533	5.68	25.4	2.0	1.1	4.38	1.0
UG19406	United Genetics	Thick			X	11,585	5.60	24.4	0.9	1.1	4.30	1.6
H1170	Heinz	Thick			X	1,782	5.42	25.1	0.7	1.1	4.35	2.2
H1428	Heinz	Thick	X		X	7,971	4.94	23.8	0.7	1.2	4.33	2.7
N6415	Nunhems	Thick	X		X	22,248	5.20	24.5	1.1	1.2	4.36	1.7
HM3888	Harris Moran	Intermediate	X		X	12,695	5.54	25.9	1.2	1.2	4.48	2.5
HM3887	Harris Moran	Intermediate	X			21,748	5.47	25.8	1.3	1.3	4.39	2.3
DRI319	Seminis	Thin	X			33,198	5.81	24.7	2.1	1.3	4.37	1.3
N6420	Nunhems	Pear	X			2,493	5.19	25.3	1.1	1.4	4.45	1.5
UG18806	United Genetics	Thick			X	2,187	5.32	26.5	2.2	1.4	4.35	1.4
AB0311	Seminis	Thin	X			40,496	5.81	23.8	1.6	1.4	4.34	1.5
HP849	Seminis	Intermediate			X	1,683	5.19	24.7	0.7	1.4	4.31	0.9
N6410	Nunhems	Thick			X	10,843	5.35	24.8	1.5	1.5	4.40	2.9
IVF5234	Seeds of Solution	Thick				1,535	5.50	24.8	1.9	1.5	4.33	0.8
H1310	Heinz	Thick	X	X		2,138	5.30	24.5	0.9	1.6	4.40	2.6
H2401	Heinz	Thick			X	9,204	5.12	24.7	1.2	1.6	4.34	2.7
HM4885	Harris Moran	Thick	X		X	7,257	5.38	24.0	0.8	1.7	4.33	1.4
H5608	Heinz	Thick	X			26,731	4.95	23.9	1.5	1.8	4.40	1.9
BQ141	Woodbridge	Thick	X	X		4,140	4.98	24.6	3.7	2.0	4.42	4.4
HM4909	Harris Moran	Thick	X			3,892	5.51	25.7	0.8	2.1	4.27	0.8
N6404	Nunhems	Intermediate	X			3,503	5.28	25.3	2.6	2.1	4.46	1.6
H9663	Heinz	Thick				4,771	5.13	23.7	3.4	2.8	4.42	4.7

Note: Thin Viscosity - Juice Bostwick > 14.65, Intermediate Viscosity - Juice Bostwick 13.40 - 14.65, Thick Viscosity - Juice Bostwick < 13.40

2016 California Processing Tomato

pH Sort (Low to High) > 1,500 Loads

Based on PTAB 10/8/16

Variety	Supplier	Category	TSW	F3	EFS	Total Loads	Solids	Color	LU	Mold	pH	Green
Shasta	Harris Moran	Early				1,769	5.31	26.6	3.0	0.4	4.23	1.6
HM4909	Harris Moran	Thick	X			3,892	5.51	25.7	0.8	2.1	4.27	0.8
UG19406	United Genetics	Thick			X	11,585	5.60	24.4	0.9	1.1	4.30	1.6
HP849	Seminis	Intermediate			X	1,683	5.19	24.7	0.7	1.4	4.31	0.9
N6416	Nunhems	Early	X			16,810	5.10	24.9	1.6	0.3	4.31	1.8
H8504	Heinz	Thick			X	47,498	5.27	24.5	0.9	0.9	4.33	2.2
H5701	Heinz	Thick			X	3,369	4.93	25.4	0.9	1.0	4.33	3.7
H1428	Heinz	Thick	X		X	7,971	4.94	23.8	0.7	1.2	4.33	2.7
HM4885	Harris Moran	Thick	X		X	7,257	5.38	24.0	0.8	1.7	4.33	1.4
IVF5234	Seeds of Solution	Thick				1,535	5.50	24.8	1.9	1.5	4.33	0.8
AB0311	Seminis	Thin	X			40,496	5.81	23.8	1.6	1.4	4.34	1.5
BQ273	Woodbridge	Early	X			14,900	5.41	24.9	1.5	0.5	4.34	2.3
UG16609	United Genetics	Intermediate	X			2,933	5.54	24.4	2.4	0.4	4.34	1.5
H5508	Heinz	Thick	X		X	5,828	4.87	24.4	0.4	0.8	4.34	2.1
CXD255	Harris Moran	Intermediate				2,079	5.21	26.2	1.0	1.1	4.34	0.9
H2401	Heinz	Thick			X	9,204	5.12	24.7	1.2	1.6	4.34	2.7
H9780	Heinz	Thick			X	1,571	5.65	22.8	1.0	0.7	4.35	0.6
UG18806	United Genetics	Thick			X	2,187	5.32	26.5	2.2	1.4	4.35	1.4
H1170	Heinz	Thick			X	1,782	5.42	25.1	0.7	1.1	4.35	2.2
H5706	Heinz	Thick				3,346	4.96	24.6	0.6	0.7	4.35	3.5
N6415	Nunhems	Thick	X		X	22,248	5.20	24.5	1.1	1.2	4.36	1.7
H5702	Heinz	Thick			X	6,614	4.90	24.7	0.6	0.8	4.36	3.9
DRI319	Seminis	Thin	X			33,198	5.81	24.7	2.1	1.3	4.37	1.3
APT410	Seminis	Early				2,295	4.93	26.5	2.7	0.6	4.37	2.1
H4707	Heinz	Thick			X	13,214	5.12	25.5	0.9	1.0	4.38	2.6
BQ205	Woodbridge	Thin				1,533	5.68	25.4	2.0	1.1	4.38	1.0
BP13	BHN Seed	Early	X	X		3,038	4.86	27.4	1.8	0.4	4.39	3.5
HM3887	Harris Moran	Intermediate	X			21,748	5.47	25.8	1.3	1.3	4.39	2.3
N6366	Nunhems	Thin				32,261	5.53	25.2	2.4	0.7	4.40	1.6
H1310	Heinz	Thick	X	X		2,138	5.30	24.5	0.9	1.6	4.40	2.6
H5608	Heinz	Thick	X			26,731	4.95	23.9	1.5	1.8	4.40	1.9
N6410	Nunhems	Thick			X	10,843	5.35	24.8	1.5	1.5	4.40	2.9
N6397	Nunhems	Early				6,836	5.25	24.8	1.4	0.5	4.41	1.8
N6402	Nunhems	Thin	X			5,279	5.61	25.2	1.6	1.0	4.42	1.9
BQ141	Woodbridge	Thick	X	X		4,140	4.98	24.6	3.7	2.0	4.42	4.4
HM9905	Harris Moran	Intermediate			X	7,582	5.19	24.9	1.0	0.8	4.42	1.8
H9663	Heinz	Thick				4,771	5.13	23.7	3.4	2.8	4.42	4.7
CXD187	Harris Moran	Early				2,590	4.72	24.4	2.6	0.4	4.43	1.9
H1015	Heinz	Early			X	7,465	5.11	25.1	1.3	0.6	4.44	2.2
HM1892	Harris Moran	Intermediate			X	29,113	5.55	24.6	1.5	0.9	4.44	2.1
N6420	Nunhems	Pear	X			2,493	5.19	25.3	1.1	1.4	4.45	1.5
N6404	Nunhems	Intermediate	X			3,503	5.28	25.3	2.6	2.1	4.46	1.6
N6394	Nunhems	Intermediate	X			4,466	5.62	24.4	2.8	0.8	4.47	2.0
H1292	Heinz	Pear	X			2,623	5.78	23.1	2.5	0.7	4.47	1.3
H1293	Heinz	Pear	X			4,361	5.61	23.6	0.9	0.9	4.48	1.6
HM3888	Harris Moran	Intermediate	X		X	12,695	5.54	25.9	1.2	1.2	4.48	2.5
BP2	BHN Seed	Thin	X	X		3,368	4.97	26.7	2.1	0.8	4.49	3.6
HM7885	Harris Moran	Pear			X	4,735	5.22	25.0	1.2	0.8	4.54	0.8

Note: Thin Viscosity - Juice Bostwick > 14.65, Intermediate Viscosity - Juice Bostwick 13.40 - 14.65, Thick Viscosity - Juice Bostwick < 13.40

2016 California Processing Tomato

Green Sort (Low to High) > 1,500 Loads

Based on PTAB 10/8/16

Variety	Supplier	Category	TSW	F3	EFS	Total Loads	Solids	Color	LU	Mold	pH	Green
H9780	Heinz	Thick			X	1,571	5.65	22.8	1.0	0.7	4.35	0.6
HM4909	Harris Moran	Thick	X			3,892	5.51	25.7	0.8	2.1	4.27	0.8
HM7885	Harris Moran	Pear			X	4,735	5.22	25.0	1.2	0.8	4.54	0.8
IVF5234	Seeds of Solution	Thick				1,535	5.50	24.8	1.9	1.5	4.33	0.8
HP849	Seminis	Intermediate			X	1,683	5.19	24.7	0.7	1.4	4.31	0.9
CXD255	Harris Moran	Intermediate				2,079	5.21	26.2	1.0	1.1	4.34	0.9
BQ205	Woodbridge	Thin				1,533	5.68	25.4	2.0	1.1	4.38	1.0
H1292	Heinz	Pear	X			2,623	5.78	23.1	2.5	0.7	4.47	1.3
DRI319	Seminis	Thin	X			33,198	5.81	24.7	2.1	1.3	4.37	1.3
UG18806	United Genetics	Thick			X	2,187	5.32	26.5	2.2	1.4	4.35	1.4
HM4885	Harris Moran	Thick	X		X	7,257	5.38	24.0	0.8	1.7	4.33	1.4
N6420	Nunhems	Pear	X			2,493	5.19	25.3	1.1	1.4	4.45	1.5
AB0311	Seminis	Thin	X			40,496	5.81	23.8	1.6	1.4	4.34	1.5
UG16609	United Genetics	Intermediate	X			2,933	5.54	24.4	2.4	0.4	4.34	1.5
N6404	Nunhems	Intermediate	X			3,503	5.28	25.3	2.6	2.1	4.46	1.6
UG19406	United Genetics	Thick			X	11,585	5.60	24.4	0.9	1.1	4.30	1.6
N6366	Nunhems	Thin				32,261	5.53	25.2	2.4	0.7	4.40	1.6
Shasta	Harris Moran	Early				1,769	5.31	26.6	3.0	0.4	4.23	1.6
H1293	Heinz	Pear	X			4,361	5.61	23.6	0.9	0.9	4.48	1.6
N6415	Nunhems	Thick	X		X	22,248	5.20	24.5	1.1	1.2	4.36	1.7
HM9905	Harris Moran	Intermediate			X	7,582	5.19	24.9	1.0	0.8	4.42	1.8
N6397	Nunhems	Early				6,836	5.25	24.8	1.4	0.5	4.41	1.8
N6416	Nunhems	Early	X			16,810	5.10	24.9	1.6	0.3	4.31	1.8
H5608	Heinz	Thick	X			26,731	4.95	23.9	1.5	1.8	4.40	1.9
N6402	Nunhems	Thin	X			5,279	5.61	25.2	1.6	1.0	4.42	1.9
CXD187	Harris Moran	Early				2,590	4.72	24.4	2.6	0.4	4.43	1.9
N6394	Nunhems	Intermediate	X			4,466	5.62	24.4	2.8	0.8	4.47	2.0
APT410	Seminis	Early				2,295	4.93	26.5	2.7	0.6	4.37	2.1
HM1892	Harris Moran	Intermediate			X	29,113	5.55	24.6	1.5	0.9	4.44	2.1
H5508	Heinz	Thick	X		X	5,828	4.87	24.4	0.4	0.8	4.34	2.1
H1015	Heinz	Early			X	7,465	5.11	25.1	1.3	0.6	4.44	2.2
H1170	Heinz	Thick			X	1,782	5.42	25.1	0.7	1.1	4.35	2.2
H8504	Heinz	Thick			X	47,498	5.27	24.5	0.9	0.9	4.33	2.2
BQ273	Woodbridge	Early	X			14,900	5.41	24.9	1.5	0.5	4.34	2.3
HM3887	Harris Moran	Intermediate	X			21,748	5.47	25.8	1.3	1.3	4.39	2.3
HM3888	Harris Moran	Intermediate	X		X	12,695	5.54	25.9	1.2	1.2	4.48	2.5
H4707	Heinz	Thick			X	13,214	5.12	25.5	0.9	1.0	4.38	2.6
H1310	Heinz	Thick	X	X		2,138	5.30	24.5	0.9	1.6	4.40	2.6
H1428	Heinz	Thick	X		X	7,971	4.94	23.8	0.7	1.2	4.33	2.7
H2401	Heinz	Thick			X	9,204	5.12	24.7	1.2	1.6	4.34	2.7
N6410	Nunhems	Thick			X	10,843	5.35	24.8	1.5	1.5	4.40	2.9
BP13	BHN Seed	Early	X	X		3,038	4.86	27.4	1.8	0.4	4.39	3.5
H5706	Heinz	Thick				3,346	4.96	24.6	0.6	0.7	4.35	3.5
BP2	BHN Seed	Thin	X	X		3,368	4.97	26.7	2.1	0.8	4.49	3.6
H5701	Heinz	Thick			X	3,369	4.93	25.4	0.9	1.0	4.33	3.7
H5702	Heinz	Thick			X	6,614	4.90	24.7	0.6	0.8	4.36	3.9
BQ141	Woodbridge	Thick	X	X		4,140	4.98	24.6	3.7	2.0	4.42	4.4
H9663	Heinz	Thick				4,771	5.13	23.7	3.4	2.8	4.42	4.7

Note: Thin Viscosity - Juice Bostwick > 14.65, Intermediate Viscosity - Juice Bostwick 13.40 - 14.65, Thick Viscosity - Juice Bostwick < 13.40

2016 California Processing Tomato

Solids History - Selected Counties

Solids

County	2012	2013	2014	2015	2016	5 Year Average
Colusa	4.99	4.96	4.71	4.95	5.02	4.93
Contra Costa	5.87	5.61	5.60	5.44	5.74	5.65
Fresno	5.21	5.35	5.44	5.45	5.60	5.41
Kern	4.88	4.95	5.08	5.07	5.18	5.03
Kings	5.27	5.24	5.20	5.30	5.36	5.27
Merced	5.13	5.23	5.12	5.32	5.27	5.21
Sacramento	5.15	5.14	4.96	5.19	5.61	5.21
San Joaquin	5.08	5.05	4.95	5.11	5.32	5.10
Solano	5.29	5.35	5.14	5.32	5.54	5.33
Stanislaus	5.18	5.30	5.20	5.29	5.58	5.31
Sutter	5.21	5.19	5.01	5.10	5.25	5.15
Yolo	5.08	5.09	4.85	5.03	5.16	5.04
State Average	5.17	5.22	5.15	5.25	5.37	5.23

% of State Average

County	2012	2013	2014	2015	2016	5 Year Average
Colusa	96.5%	95.0%	91.5%	94.3%	93.5%	95.4%
Contra Costa	113.5%	107.5%	108.7%	103.6%	106.9%	109.3%
Fresno	100.8%	102.5%	105.6%	103.8%	104.3%	101.7%
Kern	94.4%	94.8%	98.6%	96.6%	96.5%	94.8%
Kings	101.9%	100.4%	101.0%	101.0%	99.8%	100.5%
Merced	99.2%	100.2%	99.4%	101.3%	98.1%	100.2%
Sacramento	99.6%	98.5%	96.3%	98.9%	104.5%	97.9%
San Joaquin	98.3%	96.7%	96.1%	97.3%	99.1%	98.6%
Solano	102.3%	102.5%	99.8%	101.3%	103.2%	101.5%
Stanislaus	100.2%	101.5%	101.0%	100.8%	103.9%	101.6%
Sutter	100.8%	99.4%	97.3%	97.1%	97.8%	99.6%
Yolo	98.3%	97.5%	94.2%	95.8%	96.1%	98.7%
State Average	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Note: 2016 based on 10/8/16 PTAB Reports.