

2018 CHEMISTRY PROFILE



California Processing Tomato Season Review

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2018 Tomato Chemistry Profile

Supplier Variety Summary - 32 Common Locations

Supplier	Variety	Disease Resistance	Use	Fruit Wt (g)	Raw Brix	JB	PPB	Raw pH	a/b	Ostwald	cSt
BHN	BP25	VFFFNptsw	Inter	63	5.08	14.07	3.83	4.18	2.27	505	7.658
BHN	BP26	VFFFNptsw	Inter	77	5.06	14.24	3.88	4.21	2.34	483	7.573
BHN	BP32	VFFFNptswXv*	Inter	79	5.29	15.39	4.84	4.21	2.25	448	6.899
BHN	BP34	VFFFNptsw*	Thick	81	5.16	13.20	3.53	4.18	2.41	533	8.092
BHN	BP42	VFFFNptsw	Inter	77	5.39	15.61	5.11	4.21	2.31	406	6.335
BHN	BP43	VFFFNptsw	Thin	80	5.51	15.88	5.44	4.18	2.30	343	5.312
BHN	BP51	VFFFNptsw*	Early	88	5.59	16.77	6.02	4.15	2.24	369	5.702
HM	HM3887	VFFNtsw	Inter	91	5.50	15.35	5.17	4.16	2.27	283	4.230
HM	HM3888	VFFNtsw*	Inter	76	5.44	14.67	4.73	4.24	2.22	300	4.606
HM	HM4326	VFFNtsw	Thin	75	5.62	15.87	5.63	4.13	2.24	391	6.003
HM	HM4521	VFFNptsw*	Inter	78	5.33	14.02	4.22	4.15	2.18	396	5.943
HM	HM4885	VFFNptsw*	Thick	81	5.24	12.20	3.15	4.12	2.27	734	11.398
HM	HM4909	VFFNtswFr	Inter	85	5.54	14.30	4.71	4.07	2.19	511	7.835
HM	HM5235	VFFFNtsw	Inter	79	5.52	13.88	4.46	4.22	2.34	349	5.317
HM	HMX61P5369	VFFNtsw	Pear	80	5.41	14.32	4.50	4.28	2.23	377	5.836
HM	HM5522	VFFNtswFr	Inter	76	5.80	14.29	5.13	4.13	2.31	391	5.942
HM	HM58801	VFFFNtsw*	Inter	86	5.59	13.24	4.26	4.20	2.26	338	5.253
HM	HM58811	VFFNtsw*	Thick	78	5.13	12.85	3.31	4.16	2.23	386	5.905
HM	HM58841	VFFNtsw*	Inter	75	5.61	13.28	4.31	4.16	2.18	459	7.184
HM	HM5900	VFFNtsw	Inter	70	5.46	15.52	5.18	4.13	2.23	357	5.423
HM	HM7885	VFNP*	Pear	75	4.85	14.20	3.53	4.30	2.25	370	5.774
HM	HM8163	VFFNtsw	Pear	72	5.82	13.83	4.93	4.25	2.29	406	6.322
HM	HM9905	VFFN*	Inter	71	5.13	16.26	5.01	4.24	2.26	354	5.314
HZ	H1293	VFFNptsw	Pear	63	5.58	15.36	5.30	4.26	2.29	477	7.593
HZ	H1310	VFFFNptsw*	Thick	75	5.07	13.18	3.38	4.19	2.28	585	8.933
HZ	H1422	VFFFNp	Thick	78	5.15	12.69	3.26	4.16	2.29	526	8.013
HZ	H1428	VFFNtsw*	Thick	60	5.00	11.52	2.44	4.14	2.31	842	12.883
HZ	H1662	VFFFNptswLv	Thick	75	5.24	11.68	2.91	4.14	2.18	813	12.402
HZ	H1776	VFFNptsw*	Thick	83	5.47	11.94	3.41	4.14	2.28	669	10.461
HZ	H2401	VFFNP*	Thick	67	4.92	12.59	2.83	4.08	2.22	546	8.387
HZ	H5508	VFFNtsw*	Thick	75	4.70	13.03	2.69	4.11	2.23	545	8.271
HZ	H5608	VFFNptsw	Thick	71	4.99	12.69	2.99	4.16	2.28	516	7.879
HZ	H8504	VFFNP*	Thick	71	4.94	12.95	3.05	4.07	2.21	761	11.573

2018 Tomato Chemistry Profile

Supplier Variety Summary - 32 Common Locations

Supplier	Variety	Disease Resistance	Use	Fruit Wt (g)	Raw Brix	JB	PPB	Raw pH	a/b	Ostwald	cSt
NS	N6366	VFFNP	Thin	79	5.46	17.49	6.17	4.19	2.29	298	4.487
NS	N6397	VFFN	Early	69	5.34	16.52	5.50	4.21	2.29	373	5.722
NS	N6415	VFFNPtsw*	Thick	79	5.06	12.18	2.86	4.13	2.24	538	8.133
NS	N6416	VFNptsw	Early	71	5.05	15.76	4.64	4.18	2.29	399	6.130
NS	N6420	VFFNtsw	Pear	79	5.01	15.90	4.64	4.22	2.21	300	4.499
NS	N6426	VFFNtswLv*	Thick	76	4.94	12.83	2.99	4.16	2.31	435	6.789
NS	N6428	VFFFNtsw*	Inter	73	5.03	14.93	4.18	4.18	2.18	445	6.751
NS	N6434	VFFFNtsw*	Inter	81	5.15	16.09	4.96	4.19	2.19	379	5.803
NS	N6440	VFFFNtsw*	Inter	76	4.91	14.53	3.79	4.16	2.22	503	7.712
NS	N6441	VFFFNtsw*	Thick	75	5.14	13.58	3.70	4.20	2.22	390	5.978
SVS	AB0311	VFFNPtsw	Thin	82	5.75	16.71	6.26	4.12	2.28	372	5.703
SVS	DRI319	VFFNPtsw	Thin	83	5.72	17.50	6.60	4.16	2.22	347	5.474
SVS	SVTM1082	VFFFNPtsw	Thin	70	5.55	15.94	5.54	4.14	2.20	494	7.553
SVS	SV2756TM	VFFNtsw*	Thick	72	5.11	13.10	3.20	4.18	2.22	592	9.026
SVS	SV8011TM	VFFNtsw	Inter	88	5.35	13.54	4.02	4.13	2.26	521	8.018
SVS	SVTM9000	VFFNPtswLv	Early	80	5.00	14.69	4.01	4.22	2.28	452	6.878
SVS	SVTM9003	VFFNPtsw*	Inter	72	5.46	15.57	5.21	4.06	2.16	440	6.868
SVS	SVTM9007	VFFNPtsw	Thick	69	5.03	12.07	2.75	4.21	2.27	702	10.642
SVS	SVTM9008	VFFNPtsw*	Thick	80	5.15	12.98	3.40	4.09	2.23	650	9.893
SVS	SVTM9011	VFFFNPtsw	Thin	80	5.88	16.04	6.12	4.17	2.27	425	6.344
SVS	SVTM9012	VFFFNPtsw	Thin	80	5.82	16.79	6.40	4.14	2.28	366	5.699
SVS	SVTM9013	VFFFNPtsw	Inter	85	5.45	13.60	4.20	4.14	2.28	495	7.764
SVS	SVTM9014	VFFFNPtsw	Inter	85	5.41	13.25	3.97	4.14	2.28	530	8.213
SVS	SVTM9016	VFFFNtsw*	Thick	84	5.26	13.31	3.75	4.12	2.19	546	8.534
WB	BQ141	VFFFNPtsw	Inter	69	5.10	13.94	3.81	4.20	2.27	441	6.962
WB	BQ273	VFFNPtsw	Early	79	5.37	15.15	4.85	4.14	2.25	464	7.075
WB	BQ398	VFFNtsw	Inter	78	5.34	13.35	3.90	4.14	2.29	522	8.027
WB	BQ400	VFFNPtsw	Early	73	5.21	14.97	4.50	4.20	2.32	416	6.403
WB	BQ401	VFFNPtsw	Early	71	5.27	18.46	6.34	4.23	2.25	308	4.670
WB	BQ402	VFFNPtsw	Inter	68	5.43	15.04	4.89	4.19	2.22	447	6.877
WB	BQ403	VFFNPtsw	Early	76	5.49	17.07	6.00	4.15	2.30	337	5.223
WB	BQ411	VFFFNtsw	Inter	70	5.40	13.42	4.03	4.20	2.30	509	7.832
WB	BQ413	VFFFNtsw	Early	75	5.04	14.89	4.18	4.25	2.30	368	5.822
WB	BQ422	VFFFNtsw	Inter	83	5.17	14.64	4.27	4.18	2.27	389	6.024
Average				76	5.30	14.43	4.37	4.17	2.26	462	7.101

* = EFH, EFS™

Early = 117 Maturity Days or Less

Thin = Predicted Paste Bostwick ≥ 5.40

Intermediate = Predicted Paste Bostwick 3.76 to 5.39

Thick = Predicted Paste Bostwick ≤ 3.75

Pear = Pear Shaped

2018 Tomato Chemistry Profile

Supplier Variety Summary - South Region: 11 Locations

Supplier	Variety	Disease Resistance	Use	Fruit Wt (g)	Raw Brix	JB	PPB	Raw pH	a/b	Ostwald	cSt
BHN	BP13	VFFFNptsw	Early	72	5.27	15.33	4.77	4.22	2.25	365	5.430
BHN	BP25	VFFFNptsw	Inter	67	5.26	13.54	3.87	4.22	2.29	568	8.607
BHN	BP26	VFFFNptsw	Inter	80	5.21	13.79	3.91	4.26	2.38	521	7.943
BHN	BP32	VFFFNptswXv*	Inter	82	5.51	15.49	5.25	4.27	2.31	408	6.498
BHN	BP34	VFFFNptsw*	Thick	83	5.29	12.93	3.62	4.21	2.44	552	8.249
BHN	BP42	VFFFNptsw	Inter	83	5.55	15.44	5.28	4.27	2.35	449	6.966
BHN	BP43	VFFFNptsw	Thin	81	5.73	15.39	5.57	4.24	2.34	359	5.487
BHN	BP50	VFFFNptsw	Thick	83	5.13	12.68	3.22	4.20	2.27	544	8.425
BHN	BP51	VFFFNptsw*	Early	92	5.80	16.97	6.47	4.25	2.25	361	5.494
HM	HM3887	VFFNtsw	Inter	94	5.70	15.37	5.50	4.22	2.31	315	4.684
HM	HM3888	VFFNtsw*	Inter	77	5.78	14.96	5.43	4.30	2.20	313	4.741
HM	HM4326	VFFNtsw	Thin	81	5.90	15.13	5.71	4.17	2.26	419	6.516
HM	HM4521	VFFNptsw*	Inter	84	5.54	14.37	4.74	4.18	2.17	376	5.717
HM	HM4885	VFFNptsw*	Thick	81	5.43	12.26	3.51	4.13	2.30	724	11.334
HM	HM4909	VFFNtswFr	Inter	89	5.81	14.33	5.16	4.08	2.20	484	7.412
HM	HM5235	VFFFNtsw	Inter	82	5.66	14.05	4.77	4.25	2.35	365	5.575
HM	HMX61P5369	VFFNtsw	Pear	78	5.61	14.55	4.94	4.35	2.25	375	5.746
HM	HM5522	VFFNtswFr	Inter	80	5.82	14.46	5.24	4.18	2.31	308	4.728
HM	HM58801	VFFFNtsw*	Inter	88	5.88	13.16	4.69	4.26	2.26	291	4.357
HM	HM58811	VFFNtsw*	Thick	78	5.31	13.50	3.93	4.21	2.23	332	5.102
HM	HM58841	VFFNtsw*	Inter	80	5.82	13.60	4.81	4.20	2.19	397	6.278
HM	HM5900	VFFNtsw	Inter	72	5.73	14.95	5.35	4.18	2.24	342	5.146
HM	HMX61P6175	VFFFNtsw*	Inter	87	5.65	13.75	4.62	4.35	2.32	327	4.976
HM	HM7885	VFNP*	Pear	82	4.97	14.25	3.74	4.35	2.29	324	4.849
HM	HM8163	VFFNtsw	Pear	75	6.09	13.42	5.17	4.30	2.30	462	6.930
HM	HM9905	VFFN*	Inter	70	5.31	16.29	5.33	4.31	2.29	364	5.375
HZ	H1015	VFFNP*	Early	73	5.55	15.30	5.22	4.28	2.31	451	7.049
HZ	H1293	VFFNptsw	Pear	65	5.68	14.74	5.15	4.31	2.30	482	7.794
HZ	H1310	VFFFNptsw*	Thick	76	5.20	13.23	3.62	4.23	2.32	555	8.244
HZ	H1421	VFFFNtsw	Pear	76	5.41	13.95	4.31	4.28	2.40	364	5.654
HZ	H1422	VFFFNp	Thick	83	5.21	12.59	3.30	4.21	2.29	418	6.330
HZ	H1428	VFFNtsw*	Thick	64	5.18	11.75	2.84	4.18	2.33	797	12.514
HZ	H1538	VFFNtsw	Pear	81	5.24	15.78	4.95	4.29	2.30	351	5.389
HZ	H1662	VFFFNptswLv	Thick	79	5.36	12.10	3.30	4.17	2.18	665	10.396
HZ	H1765	VFFNptsw*	Early	71	5.47	17.71	6.30	4.24	2.29	280	4.295
HZ	H1776	VFFNptsw*	Thick	90	5.47	12.01	3.45	4.19	2.30	684	10.881
HZ	H2401	VFFNP*	Thick	68	5.08	12.35	2.98	4.12	2.22	459	7.080
HZ	H5508	VFFNtsw*	Thick	81	4.88	13.05	2.99	4.14	2.27	588	9.178
HZ	H5608	VFFNptsw	Thick	72	5.31	12.55	3.45	4.20	2.28	489	7.410
HZ	H8504	VFFNP*	Thick	74	4.94	12.61	2.88	4.10	2.22	804	12.244

2018 Tomato Chemistry Profile

Supplier Variety Summary - South Region: 11 Locations

Supplier	Variety	Disease Resistance	Use	Fruit Wt (g)	Raw Brix	JB	PPB	Raw pH	a/b	Ostwald	cSt
NS	N6366	VFFNP	Thin	84	5.73	17.02	6.37	4.24	2.33	288	4.290
NS	N6397	VFFN	Early	71	5.43	16.39	5.56	4.28	2.31	321	4.775
NS	N6415	VFFNPtsw*	Thick	86	5.27	12.02	3.12	4.17	2.24	459	6.978
NS	N6416	VFNptsw	Early	74	5.25	14.93	4.55	4.23	2.29	408	6.465
NS	N6420	VFFNtsw	Pear	79	5.24	15.14	4.63	4.27	2.24	302	4.512
NS	N6426	VFFNtswLv*	Thick	82	5.17	12.57	3.24	4.19	2.30	422	6.439
NS	N6428	VFFFNtsw*	Inter	80	5.14	14.03	3.91	4.21	2.18	479	7.286
NS	N6434	VFFFNtsw*	Inter	83	5.37	15.49	5.01	4.21	2.21	416	6.211
NS	N6440	VFFFNtsw*	Inter	80	5.05	14.57	4.04	4.21	2.22	478	7.441
NS	N6441	VFFFNtsw*	Thick	76	5.14	13.25	3.53	4.25	2.24	334	5.277
SVS	AB0311	VFFNPtsw	Thin	84	5.90	15.93	6.12	4.16	2.30	384	5.726
SVS	DRI319	VFFNPtsw	Thin	80	6.04	16.39	6.57	4.22	2.23	394	6.181
SVS	SV2756TM	VFFNtsw*	Thick	70	5.21	12.86	3.45	4.23	2.23	579	8.699
SVS	SV8011TM	VFFNtsw	Inter	89	5.59	13.78	4.53	4.16	2.26	599	9.087
SVS	SVTM1082	VFFFNPtsw	Thin	73	5.71	15.17	5.42	4.20	2.22	549	8.540
SVS	SVTM9000	VFFNPtswLv	Early	82	5.07	14.41	3.99	4.26	2.28	394	6.126
SVS	SVTM9003	VFFNPtsw*	Inter	75	5.59	15.24	5.25	4.07	2.19	527	7.895
SVS	SVTM9007	VFFNPtsw	Thick	71	5.23	12.01	3.05	4.25	2.28	800	12.094
SVS	SVTM9008	VFFNPtsw*	Thick	81	5.33	13.40	3.91	4.13	2.23	687	10.682
SVS	SVTM9011	VFFFNPtsw	Thin	84	6.08	15.46	6.17	4.23	2.29	448	6.615
SVS	SVTM9012	VFFFNPtsw	Thin	81	6.03	15.99	6.35	4.17	2.29	410	6.485
SVS	SVTM9013	VFFFNPtsw	Inter	87	5.54	13.84	4.47	4.18	2.30	545	8.674
SVS	SVTM9014	VFFFNPtsw	Inter	84	5.52	12.96	4.00	4.16	2.28	548	8.650
SVS	SVTM9016	VFFFNtsw*	Thick	84	5.39	13.25	3.93	4.14	2.20	481	7.342
WB	BQ141	VFFFNPtsw	Inter	72	5.31	13.75	4.06	4.27	2.30	404	6.494
WB	BQ273	VFFNPtsw	Early	83	5.49	15.20	5.08	4.19	2.28	470	7.221
WB	BQ398	VFFNtsw	Inter	80	5.52	12.89	3.97	4.16	2.34	598	9.346
WB	BQ400	VFFNPtsw	Early	72	5.46	14.90	4.87	4.24	2.35	419	6.467
WB	BQ401	VFFNPtsw	Early	72	5.45	17.92	6.37	4.28	2.27	310	4.580
WB	BQ402	VFFNPtsw	Inter	72	5.56	15.00	5.08	4.25	2.25	441	6.873
WB	BQ403	VFFNPtsw	Early	81	5.61	16.20	5.78	4.18	2.31	329	5.067
WB	BQ411	VFFFNtsw	Inter	74	5.52	13.18	4.11	4.27	2.33	466	7.322
WB	BQ413	VFFFNtsw	Early	77	5.30	14.55	4.44	4.31	2.33	338	5.305
WB	BQ422	VFFFNtsw	Inter	85	5.39	14.98	4.79	4.20	2.29	378	5.906
Average				79	5.46	14.30	4.58	4.22	2.28	452	6.95

* = EFH, EFS™

Early = 117 Maturity Days or Less

Thin = Predicted Paste Bostwick ≥ 5.40

Intermediate = Predicted Paste Bostwick 3.76 to 5.39

Thick = Predicted Paste Bostwick ≤ 3.75

Pear = Pear Shaped

2018 Tomato Chemistry Profile

Supplier Variety Summary - Central Region: 10 Locations

Supplier	Variety	Disease Resistance	Use	Fruit Wt (g)	Raw Brix	JB	PPB	Raw pH	a/b	Ostwald	cSt
BHN	BP13	VFFFNptsw	Early	71	5.04	15.65	4.56	4.11	2.25	324	5.198
BHN	BP25	VFFFNptsw	Inter	56	5.20	13.56	3.79	4.14	2.23	618	9.452
BHN	BP26	VFFFNptsw	Inter	71	5.29	13.37	3.82	4.15	2.30	542	8.734
BHN	BP32	VFFFNptswXv*	Inter	74	5.57	13.97	4.58	4.17	2.23	594	8.824
BHN	BP34	VFFFNptsw*	Thick	75	5.22	12.85	3.46	4.16	2.40	615	9.238
BHN	BP42	VFFFNptsw	Inter	71	5.64	14.07	4.76	4.14	2.26	457	7.338
BHN	BP43	VFFFNptsw	Thin	73	5.82	14.43	5.23	4.13	2.28	397	6.272
BHN	BP50	VFFFNptsw	Thick	76	4.96	12.01	2.60	4.10	2.22	610	8.820
BHN	BP51	VFFFNptsw*	Early	83	5.66	16.36	5.93	4.09	2.29	382	6.112
HM	HM3887	VFFNtsw	Inter	78	5.75	14.04	4.92	4.07	2.24	307	4.640
HM	HM3888	VFFNtsw*	Inter	72	5.23	14.06	4.07	4.17	2.22	310	4.746
HM	HM4326	VFFNtsw	Thin	69	5.82	14.69	5.35	4.09	2.26	461	7.052
HM	HM4521	VFFNptsw*	Inter	75	5.27	13.38	3.80	4.07	2.17	462	7.044
HM	HM4885	VFFNptsw*	Thick	79	5.24	11.73	2.92	4.10	2.26	832	12.606
HM	HM4909	VFFNtswFr	Inter	77	5.69	14.18	4.90	4.02	2.16	546	8.586
HM	HM5235	VFFFNtsw	Inter	73	5.66	13.05	4.28	4.17	2.32	401	6.186
HM	HMX61P5369	VFFNtsw	Pear	80	5.44	13.83	4.31	4.23	2.21	442	6.910
HM	HM5522	VFFNtswFr	Inter	69	6.13	13.22	5.13	4.09	2.29	543	8.334
HM	HM58801	VFFFNtsw*	Inter	79	5.54	13.08	4.09	4.12	2.24	394	6.360
HM	HM58811	VFFNtsw*	Thick	73	5.17	11.87	2.88	4.10	2.21	425	6.456
HM	HM58841	VFFNtsw*	Inter	67	5.77	12.56	4.21	4.10	2.18	563	9.110
HM	HM5900	VFFNtsw	Inter	66	5.62	14.47	4.92	4.04	2.21	407	6.208
HM	HM7885	VFNP*	Pear	72	4.90	13.82	3.42	4.23	2.22	432	6.972
HM	HM8163	VFFNtsw	Pear	68	5.93	13.53	4.96	4.22	2.25	392	6.256
HM	HM9905	VFFN*	Inter	67	5.19	15.46	4.70	4.17	2.25	444	6.812
HZ	H1015	VFFNP*	Early	70	5.35	14.61	4.56	4.16	2.33	455	7.150
HZ	H1293	VFFNptsw	Pear	61	5.74	15.17	5.48	4.23	2.26	599	9.572
HZ	H1310	VFFFNptsw*	Thick	69	5.17	12.54	3.22	4.15	2.29	690	10.810
HZ	H1422	VFFFNp	Thick	71	5.25	12.30	3.22	4.08	2.27	633	9.496
HZ	H1428	VFFNtsw*	Thick	54	5.07	11.10	2.33	4.08	2.30	1072	16.126
HZ	H1662	VFFFNptswLv	Thick	69	5.33	10.96	2.70	4.07	2.21	915	13.784
HZ	H1765	VFFNptsw*	Early	66	5.57	16.57	5.89	4.11	2.28	350	5.616
HZ	H1776	VFFNptsw*	Thick	77	5.73	11.45	3.59	4.09	2.27	752	11.558
HZ	H1881	VFFNptsw	Inter	75	5.24	14.96	4.55	4.10	2.35	361	5.618
HZ	H1884	VFFNptsw	Inter	74	5.05	13.93	3.72	4.09	2.33	376	5.912
HZ	H1886	VFFNptsw	Thick	80	5.18	12.74	3.34	4.12	2.35	461	7.246
HZ	H2401	VFFNP*	Thick	60	4.95	11.84	2.50	4.01	2.22	718	11.040
HZ	H5508	VFFNtsw*	Thick	69	4.75	12.52	2.51	4.09	2.23	634	9.250
HZ	H5608	VFFNptsw	Thick	67	4.89	12.52	2.74	4.09	2.30	562	8.654
HZ	H8504	VFFNP*	Thick	66	5.09	12.50	3.06	4.06	2.20	849	13.166

2018 Tomato Chemistry Profile

Supplier Variety Summary - Central Region: 10 Locations

Supplier	Variety	Disease Resistance	Use	Fruit Wt (g)	Raw Brix	JB	PPB	Raw pH	a/b	Ostwald	cSt
NS	N6366	VFFNP	Thin	74	5.71	16.33	6.00	4.12	2.30	388	5.918
NS	N6397	VFFN	Early	62	5.61	15.57	5.45	4.13	2.26	498	7.664
NS	N6415	VFFNPtsw*	Thick	71	5.01	11.91	2.64	4.08	2.29	638	9.364
NS	N6416	VFNptsw	Early	66	5.07	14.81	4.19	4.12	2.30	423	6.288
NS	N6420	VFFNtsw	Pear	78	5.16	15.22	4.55	4.19	2.21	362	5.528
NS	N6426	VFFNtswLv*	Thick	73	5.11	12.33	3.01	4.11	2.33	483	7.814
NS	N6428	VFFFNtsw*	Inter	65	5.21	14.50	4.27	4.12	2.20	483	7.360
NS	N6434	VFFFNtsw*	Inter	78	5.35	15.30	4.90	4.14	2.17	434	6.732
NS	N6440	VFFFNtsw*	Inter	70	5.03	13.63	3.53	4.11	2.23	655	10.092
NS	N6441	VFFFNtsw*	Thick	71	5.21	12.93	3.48	4.12	2.20	462	6.828
SVS	AB0311	VFFNPtsw	Thin	82	5.95	15.62	6.04	4.08	2.24	454	6.946
SVS	DRI319	VFFNPtsw	Thin	82	5.78	16.68	6.28	4.09	2.18	369	5.860
SVS	SVTM1082	VFFFNPtsw	Thin	65	5.67	14.88	5.20	4.08	2.14	560	8.492
SVS	SV2756TM	VFFNtsw*	Thick	71	5.20	12.72	3.36	4.11	2.26	741	11.228
SVS	SV8011TM	VFFNtsw	Inter	88	5.34	12.59	3.52	4.08	2.26	521	8.390
SVS	SVTM9000	VFFNPtswLv	Early	78	5.19	14.47	4.22	4.16	2.26	521	7.618
SVS	SVTM9003	VFFNPtsw*	Inter	69	5.59	14.72	4.99	4.03	2.16	445	7.122
SVS	SVTM9007	VFFNPtsw	Thick	64	5.02	11.21	2.31	4.14	2.25	722	11.080
SVS	SVTM9008	VFFNPtsw*	Thick	78	5.19	11.90	2.94	4.03	2.23	753	11.074
SVS	SVTM9011	VFFFNPtsw	Thin	79	6.06	15.22	6.01	4.10	2.23	467	6.926
SVS	SVTM9012	VFFFNPtsw	Thin	82	5.98	15.53	6.05	4.11	2.24	389	6.048
SVS	SVTM9013	VFFFNPtsw	Inter	80	5.56	13.18	4.17	4.10	2.24	447	7.058
SVS	SVTM9014	VFFFNPtsw	Inter	78	5.55	12.72	3.93	4.08	2.28	616	9.380
SVS	SVTM9016	VFFFNtsw*	Thick	81	5.41	12.86	3.78	4.06	2.19	676	10.626
WB	BQ141	VFFFNPtsw	Inter	63	5.18	13.32	3.62	4.13	2.28	487	7.594
WB	BQ273	VFFNPtsw	Early	75	5.42	14.76	4.74	4.07	2.22	515	7.880
WB	BQ398	VFFNtsw	Inter	74	5.43	12.33	3.55	4.06	2.27	551	8.242
WB	BQ400	VFFNPtsw	Early	72	5.22	14.21	4.13	4.16	2.30	465	7.176
WB	BQ401	VFFNPtsw	Early	68	5.44	17.82	6.30	4.14	2.25	323	4.958
WB	BQ402	VFFNPtsw	Inter	61	5.67	14.01	4.78	4.11	2.15	564	8.708
WB	BQ403	VFFNPtsw	Early	68	5.69	16.02	5.81	4.08	2.30	376	5.792
WB	BQ411	VFFFNtsw	Inter	64	5.64	12.80	4.13	4.14	2.28	656	10.160
WB	BQ413	VFFFNtsw	Early	68	5.10	13.90	3.77	4.19	2.28	445	7.092
WB	BQ422	VFFFNtsw	Inter	77	5.16	13.69	3.78	4.12	2.26	438	6.754
Average				72	5.39	13.76	4.19	4.11	2.25	522	8.041

* = EFH, EFS™

Early = 117 Maturity Days or Less

Thin = Predicted Paste Bostwick ≥ 5.40

Intermediate = Predicted Paste Bostwick 3.76 to 5.39

Thick = Predicted Paste Bostwick ≤ 3.75

Pear = Pear Shaped

2018 Tomato Chemistry Profile

Supplier Variety Summary - North Region: 11 Locations

Supplier	Variety	Disease Resistance	Use	Fruit Wt (g)	Raw Brix	JB	PPB	Raw pH	a/b	Ostwald	cSt
BHN	BP13	VFFFNptsw	Early	71	4.77	16.77	4.67	4.22	2.26	309	4.706
BHN	BP25	VFFFNptsw	Inter	65	4.78	15.06	3.84	4.16	2.28	371	5.563
BHN	BP26	VFFFNptsw	Inter	81	4.69	15.47	3.90	4.21	2.32	408	6.426
BHN	BP32	VFFFNptswXv*	Inter	79	4.82	16.58	4.66	4.19	2.22	379	5.869
BHN	BP34	VFFFNptsw*	Thick	83	4.96	13.79	3.50	4.17	2.39	458	7.139
BHN	BP42	VFFFNptsw	Inter	76	5.00	17.17	5.25	4.22	2.32	333	5.078
BHN	BP43	VFFFNptsw	Thin	84	4.99	17.70	5.51	4.17	2.27	292	4.476
BHN	BP51	VFFFNptsw*	Early	89	5.31	16.93	5.65	4.12	2.21	367	5.588
HM	HM3887	VFFNtsw	Inter	100	5.09	16.53	5.07	4.18	2.26	239	3.548
HM	HM3888	VFFNtsw*	Inter	78	5.30	14.92	4.63	4.26	2.23	283	4.391
HM	HM4326	VFFNtsw	Thin	75	5.17	17.68	5.80	4.14	2.22	317	4.814
HM	HM4521	VFFNptsw*	Inter	74	5.17	14.26	4.08	4.20	2.19	365	5.349
HM	HM4885	VFFNptsw*	Thick	82	5.04	12.55	3.01	4.14	2.26	673	10.590
HM	HM4909	VFFNtswFr	Inter	88	5.15	14.37	4.10	4.09	2.19	509	7.661
HM	HM5235	VFFFNtsw	Inter	81	5.25	14.47	4.31	4.22	2.34	298	4.476
HM	HMX61P5369	VFFNtsw	Pear	81	5.17	14.54	4.22	4.27	2.22	331	5.145
HM	HM5522	VFFNtswFr	Inter	77	5.48	15.10	5.00	4.13	2.32	353	5.275
HM	HM58801	VFFFNtsw*	Inter	91	5.36	13.48	3.99	4.21	2.27	337	5.229
HM	HM58811	VFFNtsw*	Thick	83	4.92	13.10	3.08	4.16	2.23	404	6.199
HM	HM58841	VFFNtsw*	Inter	76	5.26	13.62	3.90	4.18	2.18	437	6.585
HM	HM5900	VFFNtsw	Inter	73	5.03	17.05	5.25	4.15	2.23	335	5.099
HM	HM7885	VFNP*	Pear	71	4.70	14.49	3.42	4.30	2.24	364	5.711
HM	HM8163	VFFNtsw	Pear	73	5.45	14.52	4.67	4.23	2.30	366	5.849
HM	HM9905	VFFN*	Inter	75	4.89	16.95	4.96	4.24	2.24	280	4.192
HZ	H1015	VFFNP*	Early	69	4.96	16.15	4.68	4.28	2.31	382	5.780
HZ	H1293	VFFNptsw	Pear	62	5.32	16.16	5.28	4.24	2.29	385	6.008
HZ	H1310	VFFFNptsw*	Thick	78	4.85	13.72	3.28	4.19	2.23	536	8.182
HZ	H1422	VFFFNp	Thick	78	5.01	13.14	3.26	4.19	2.30	543	8.396
HZ	H1428	VFFNtsw*	Thick	61	4.78	11.68	2.14	4.14	2.30	717	10.883
HZ	H1662	VFFFNptswLv	Thick	77	5.05	11.91	2.71	4.16	2.16	867	13.134
HZ	H1765	VFFNptsw*	Early	73	5.10	17.78	5.72	4.17	2.27	285	4.245
HZ	H1776	VFFNptsw*	Thick	83	5.23	12.31	3.21	4.13	2.27	597	9.317
HZ	H1881	VFFNptsw	Inter	75	4.92	17.23	5.16	4.21	2.37	315	4.861
HZ	H1884	VFFNptsw	Inter	77	4.96	14.36	3.79	4.18	2.30	324	5.165
HZ	H1886	VFFNptsw	Thick	79	5.04	13.27	3.37	4.21	2.33	360	5.655
HZ	H2401	VFFNP*	Thick	71	4.73	13.51	2.99	4.09	2.21	499	7.611
HZ	H5508	VFFNtsw*	Thick	75	4.48	13.48	2.56	4.11	2.21	444	6.795
HZ	H5608	VFFNptsw	Thick	73	4.76	12.97	2.77	4.20	2.28	506	7.727
HZ	H8504	VFFNP*	Thick	73	4.80	13.69	3.19	4.05	2.20	662	9.861

2018 Tomato Chemistry Profile

Supplier Variety Summary - North Region: 11 Locations

Supplier	Variety	Disease Resistance	Use	Fruit Wt (g)	Raw Brix	JB	PPB	Raw pH	a/b	Ostwald	cSt
NS	N6366	VFFNP	Thin	79	4.98	19.00	6.14	4.20	2.25	241	3.634
NS	N6397	VFFN	Early	73	5.03	17.52	5.47	4.22	2.30	329	5.147
NS	N6415	VFFNPtsw*	Thick	80	4.90	12.59	2.79	4.13	2.21	534	8.243
NS	N6416	VFNptsw	Early	73	4.84	17.47	5.14	4.18	2.29	375	5.730
NS	N6420	VFFNtsw	Pear	80	4.64	17.29	4.73	4.21	2.20	254	3.754
NS	N6426	VFFNtswLv*	Thick	73	4.57	13.54	2.73	4.17	2.30	414	6.356
NS	N6428	VFFFNtsw*	Inter	75	4.75	16.23	4.37	4.21	2.17	389	5.856
NS	N6434	VFFFNtsw*	Inter	81	4.75	17.42	4.96	4.21	2.19	309	4.789
NS	N6440	VFFFNtsw*	Inter	79	4.66	15.31	3.77	4.17	2.22	417	6.245
NS	N6441	VFFFNtsw*	Thick	79	5.08	14.50	4.06	4.23	2.21	387	5.970
SVS	AB0311	VFFNPtsw	Thin	79	5.42	18.48	6.60	4.12	2.29	304	4.794
SVS	DRI319	VFFNPtsw	Thin	87	5.36	19.35	6.93	4.17	2.23	291	4.592
SVS	SVTM1082	VFFFNPtsw	Thin	71	5.29	17.67	5.98	4.15	2.23	399	6.036
SVS	SV2756TM	VFFNtsw*	Thick	75	4.94	13.74	2.81	4.19	2.18	498	7.733
SVS	SV8011TM	VFFNtsw	Inter	88	5.12	14.17	3.96	4.16	2.26	453	6.837
SVS	SVTM9000	VFFNPtswLv	Early	81	4.76	15.17	3.85	4.23	2.29	454	6.995
SVS	SVTM9003	VFFNPtsw*	Inter	71	5.21	16.69	5.36	4.09	2.14	362	5.808
SVS	SVTM9007	VFFNPtsw	Thick	71	4.84	12.90	2.85	4.24	2.26	603	9.085
SVS	SVTM9008	VFFNPtsw*	Thick	81	4.92	13.53	3.31	4.10	2.23	546	8.373
SVS	SVTM9011	VFFFNPtsw	Thin	76	5.51	17.35	6.18	4.15	2.28	376	5.696
SVS	SVTM9012	VFFFNPtsw	Thin	77	5.45	18.75	6.78	4.13	2.28	311	4.775
SVS	SVTM9013	VFFFNPtsw	Inter	88	5.26	13.74	3.97	4.15	2.28	486	7.489
SVS	SVTM9014	VFFFNPtsw	Inter	92	5.19	14.00	3.98	4.18	2.29	454	7.003
SVS	SVTM9016	VFFFNtsw*	Thick	87	4.99	13.78	3.55	4.15	2.18	510	8.062
WB	BQ141	VFFFNPtsw	Inter	72	4.83	14.71	3.75	4.19	2.25	440	6.911
WB	BQ273	VFFNPtsw	Early	78	5.20	15.46	4.73	4.15	2.24	423	6.374
WB	BQ398	VFFNtsw	Inter	81	5.06	14.75	4.14	4.19	2.27	438	6.744
WB	BQ400	VFFNPtsw	Early	75	4.95	15.73	4.45	4.21	2.30	378	5.795
WB	BQ401	VFFNPtsw	Early	73	4.93	19.57	6.34	4.27	2.23	295	4.542
WB	BQ402	VFFNPtsw	Inter	69	5.07	16.01	4.79	4.20	2.22	369	5.571
WB	BQ403	VFFNPtsw	Early	79	5.18	18.90	6.41	4.18	2.30	315	4.950
WB	BQ411	VFFFNtsw	Inter	72	5.06	14.21	3.87	4.19	2.28	441	6.607
WB	BQ413	VFFFNtsw	Early	78	4.72	16.15	4.28	4.24	2.28	340	5.359
WB	BQ422	VFFFNtsw	Inter	85	4.96	15.18	4.20	4.22	2.26	364	5.603
Average				78	5.02	15.33	4.35	4.18	2.25	407	6.247

* = EFH, EFS™

Early = 117 Maturity Days or Less

Thin = Predicted Paste Bostwick ≥ 5.40

Intermediate = Predicted Paste Bostwick 3.76 to 5.39

Thick = Predicted Paste Bostwick ≤ 3.75

Pear = Pear Shaped

2018 Tomato Chemistry Profile

Fruit Weight Sort - 32 Common Locations

Supplier	Variety	Disease Resistance	Use	Fruit Wt (g)	Raw Brix	JB	PPB	Raw pH	a/b	Ostwald	cSt
HM	HM3887	VFFNtsw	Inter	91	5.50	15.35	5.17	4.16	2.27	283	4.230
BHN	BP51	VFFFNPtsw*	Early	88	5.59	16.77	6.02	4.15	2.24	369	5.702
SVS	SV8011TM	VFFNtsw	Inter	88	5.35	13.54	4.02	4.13	2.26	521	8.018
HM	HM58801	VFFFNtsw*	Inter	86	5.59	13.24	4.26	4.20	2.26	338	5.253
SVS	SVTM9013	VFFFNPtsw	Inter	85	5.45	13.60	4.20	4.14	2.28	495	7.764
SVS	SVTM9014	VFFFNPtsw	Inter	85	5.41	13.25	3.97	4.14	2.28	530	8.213
HM	HM4909	VFFNtswFr	Inter	85	5.54	14.30	4.71	4.07	2.19	511	7.835
SVS	SVTM9016	VFFFNtsw*	Thick	84	5.26	13.31	3.75	4.12	2.19	546	8.534
HZ	H1776	VFFNPtsw*	Thick	83	5.47	11.94	3.41	4.14	2.28	669	10.461
SVS	DRI319	VFFNPtsw	Thin	83	5.72	17.50	6.60	4.16	2.22	347	5.474
WB	BQ422	VFFFNtsw	Inter	83	5.17	14.64	4.27	4.18	2.27	389	6.024
SVS	AB0311	VFFNPtsw	Thin	82	5.75	16.71	6.26	4.12	2.28	372	5.703
NS	N6434	VFFFNtsw*	Inter	81	5.15	16.09	4.96	4.19	2.19	379	5.803
HM	HM4885	VFFNPtsw*	Thick	81	5.24	12.20	3.15	4.12	2.27	734	11.398
BHN	BP34	VFFFNPtsw*	Thick	81	5.16	13.20	3.53	4.18	2.41	533	8.092
SVS	SVTM9000	VFFNPtswLv	Early	80	5.00	14.69	4.01	4.22	2.28	452	6.878
SVS	SVTM9012	VFFFNPtsw	Thin	80	5.82	16.79	6.40	4.14	2.28	366	5.699
SVS	SVTM9008	VFFNPtsw*	Thick	80	5.15	12.98	3.40	4.09	2.23	650	9.893
SVS	SVTM9011	VFFFNPtsw	Thin	80	5.88	16.04	6.12	4.17	2.27	425	6.344
HM	HMX61P5369	VFFNtsw	Pear	80	5.41	14.32	4.50	4.28	2.23	377	5.836
BHN	BP43	VFFFNPtsw	Thin	80	5.51	15.88	5.44	4.18	2.30	343	5.312
NS	N6366	VFFNP	Thin	79	5.46	17.49	6.17	4.19	2.29	298	4.487
NS	N6415	VFFNPtsw*	Thick	79	5.06	12.18	2.86	4.13	2.24	538	8.133
NS	N6420	VFFNtsw	Pear	79	5.01	15.90	4.64	4.22	2.21	300	4.499
WB	BQ273	VFFNPtsw	Early	79	5.37	15.15	4.85	4.14	2.25	464	7.075
HM	HM5235	VFFFNtsw	Inter	79	5.52	13.88	4.46	4.22	2.34	349	5.317
BHN	BP32	VFFFNPtswXv*	Inter	79	5.29	15.39	4.84	4.21	2.25	448	6.899
WB	BQ398	VFFNtsw	Inter	78	5.34	13.35	3.90	4.14	2.29	522	8.027
HM	HM58811	VFFNtsw*	Thick	78	5.13	12.85	3.31	4.16	2.23	386	5.905
HM	HM4521	VFFNPtsw*	Inter	78	5.33	14.02	4.22	4.15	2.18	396	5.943
HZ	H1422	VFFFNP	Thick	78	5.15	12.69	3.26	4.16	2.29	526	8.013
BHN	BP26	VFFFNPtsw	Inter	77	5.06	14.24	3.88	4.21	2.34	483	7.573
BHN	BP42	VFFFNPtsw	Inter	77	5.39	15.61	5.11	4.21	2.31	406	6.335
NS	N6440	VFFFNtsw*	Inter	76	4.91	14.53	3.79	4.16	2.22	503	7.712
NS	N6426	VFFNtswLv*	Thick	76	4.94	12.83	2.99	4.16	2.31	435	6.789
WB	BQ403	VFFNPtsw	Early	76	5.49	17.07	6.00	4.15	2.30	337	5.223
HM	HM3888	VFFNtsw*	Inter	76	5.44	14.67	4.73	4.24	2.22	300	4.606
HM	HM5522	VFFNtswFr	Inter	76	5.80	14.29	5.13	4.13	2.31	391	5.942

2018 Tomato Chemistry Profile

Fruit Weight Sort - 32 Common Locations

Supplier	Variety	Disease Resistance	Use	Fruit Wt (g)	Raw Brix	JB	PPB	Raw pH	a/b	Ostwald	cSt
HZ	H1662	VFFFNptswLv	Thick	75	5.24	11.68	2.91	4.14	2.18	813	12.402
HM	HM7885	VFNP*	Pear	75	4.85	14.20	3.53	4.30	2.25	370	5.774
NS	N6441	VFFFNtsw*	Thick	75	5.14	13.58	3.70	4.20	2.22	390	5.978
HZ	H5508	VFFNtsw*	Thick	75	4.70	13.03	2.69	4.11	2.23	545	8.271
HM	HM58841	VFFNtsw*	Inter	75	5.61	13.28	4.31	4.16	2.18	459	7.184
HM	HM4326	VFFNtsw	Thin	75	5.62	15.87	5.63	4.13	2.24	391	6.003
HZ	H1310	VFFFNptsw*	Thick	75	5.07	13.18	3.38	4.19	2.28	585	8.933
WB	BQ413	VFFFNtsw	Early	75	5.04	14.89	4.18	4.25	2.30	368	5.822
NS	N6428	VFFFNtsw*	Inter	73	5.03	14.93	4.18	4.18	2.18	445	6.751
WB	BQ400	VFFFNptsw	Early	73	5.21	14.97	4.50	4.20	2.32	416	6.403
HM	HM8163	VFFNtsw	Pear	72	5.82	13.83	4.93	4.25	2.29	406	6.322
SVS	SV2756TM	VFFNtsw*	Thick	72	5.11	13.10	3.20	4.18	2.22	592	9.026
SVS	SVTM9003	VFFFNptsw*	Inter	72	5.46	15.57	5.21	4.06	2.16	440	6.868
HZ	H8504	VFNP*	Thick	71	4.94	12.95	3.05	4.07	2.21	761	11.573
WB	BQ401	VFFFNptsw	Early	71	5.27	18.46	6.34	4.23	2.25	308	4.670
HM	HM9905	VFFN*	Inter	71	5.13	16.26	5.01	4.24	2.26	354	5.314
NS	N6416	VFNptsw	Early	71	5.05	15.76	4.64	4.18	2.29	399	6.130
HZ	H5608	VFFFNptsw	Thick	71	4.99	12.69	2.99	4.16	2.28	516	7.879
HM	HM5900	VFFNtsw	Inter	70	5.46	15.52	5.18	4.13	2.23	357	5.423
WB	BQ411	VFFFNtsw	Inter	70	5.40	13.42	4.03	4.20	2.30	509	7.832
SVS	SVTM1082	VFFFNptsw	Thin	70	5.55	15.94	5.54	4.14	2.20	494	7.553
WB	BQ141	VFFFNptsw	Inter	69	5.10	13.94	3.81	4.20	2.27	441	6.962
NS	N6397	VFFN	Early	69	5.34	16.52	5.50	4.21	2.29	373	5.722
SVS	SVTM9007	VFFFNptsw	Thick	69	5.03	12.07	2.75	4.21	2.27	702	10.642
WB	BQ402	VFFFNptsw	Inter	68	5.43	15.04	4.89	4.19	2.22	447	6.877
HZ	H2401	VFNP*	Thick	67	4.92	12.59	2.83	4.08	2.22	546	8.387
BHN	BP25	VFFFNptsw	Inter	63	5.08	14.07	3.83	4.18	2.27	505	7.658
HZ	H1293	VFFFNptsw	Pear	63	5.58	15.36	5.30	4.26	2.29	477	7.593
HZ	H1428	VFFNtsw*	Thick	60	5.00	11.52	2.44	4.14	2.31	842	12.883
Average				76	5.30	14.43	4.37	4.17	2.26	462	7.101

* = EFH, EFS™

Early = 117 Maturity Days or Less

Thin = Predicted Paste Bostwick ≥ 5.40

Intermediate = Predicted Paste Bostwick 3.76 to 5.39

Thick = Predicted Paste Bostwick ≤ 3.75

Pear = Pear Shaped

2018 Tomato Chemistry Profile

Brix Sort - 32 Common Locations

Supplier	Variety	Disease Resistance	Use	Fruit Wt (g)	Raw Brix	JB	PPB	Raw pH	a/b	Ostwald	cSt
SVS	SVTM9011	VFFFNptsw	Thin	80	5.88	16.04	6.12	4.17	2.27	425	6.344
HM	HM8163	VFFNtsw	Pear	72	5.82	13.83	4.93	4.25	2.29	406	6.322
SVS	SVTM9012	VFFFNptsw	Thin	80	5.82	16.79	6.40	4.14	2.28	366	5.699
HM	HM5522	VFFNtswFr	Inter	76	5.80	14.29	5.13	4.13	2.31	391	5.942
SVS	AB0311	VFFFNptsw	Thin	82	5.75	16.71	6.26	4.12	2.28	372	5.703
SVS	DRI319	VFFFNptsw	Thin	83	5.72	17.50	6.60	4.16	2.22	347	5.474
HM	HM4326	VFFNtsw	Thin	75	5.62	15.87	5.63	4.13	2.24	391	6.003
HM	HM58841	VFFNtsw*	Inter	75	5.61	13.28	4.31	4.16	2.18	459	7.184
HM	HM58801	VFFFNtsw*	Inter	86	5.59	13.24	4.26	4.20	2.26	338	5.253
BHN	BP51	VFFFNptsw*	Early	88	5.59	16.77	6.02	4.15	2.24	369	5.702
HZ	H1293	VFFFNptsw	Pear	63	5.58	15.36	5.30	4.26	2.29	477	7.593
SVS	SVTM1082	VFFFNptsw	Thin	70	5.55	15.94	5.54	4.14	2.20	494	7.553
HM	HM4909	VFFNtswFr	Inter	85	5.54	14.30	4.71	4.07	2.19	511	7.835
HM	HM5235	VFFFNtsw	Inter	79	5.52	13.88	4.46	4.22	2.34	349	5.317
BHN	BP43	VFFFNptsw	Thin	80	5.51	15.88	5.44	4.18	2.30	343	5.312
HM	HM3887	VFFNtsw	Inter	91	5.50	15.35	5.17	4.16	2.27	283	4.230
WB	BQ403	VFFFNptsw	Early	76	5.49	17.07	6.00	4.15	2.30	337	5.223
HZ	H1776	VFFFNptsw*	Thick	83	5.47	11.94	3.41	4.14	2.28	669	10.461
NS	N6366	VFFNP	Thin	79	5.46	17.49	6.17	4.19	2.29	298	4.487
HM	HM5900	VFFNtsw	Inter	70	5.46	15.52	5.18	4.13	2.23	357	5.423
SVS	SVTM9003	VFFFNptsw*	Inter	72	5.46	15.57	5.21	4.06	2.16	440	6.868
SVS	SVTM9013	VFFFNptsw	Inter	85	5.45	13.60	4.20	4.14	2.28	495	7.764
HM	HM3888	VFFNtsw*	Inter	76	5.44	14.67	4.73	4.24	2.22	300	4.606
WB	BQ402	VFFFNptsw	Inter	68	5.43	15.04	4.89	4.19	2.22	447	6.877
SVS	SVTM9014	VFFFNptsw	Inter	85	5.41	13.25	3.97	4.14	2.28	530	8.213
HM	HMX61P5369	VFFNtsw	Pear	80	5.41	14.32	4.50	4.28	2.23	377	5.836
WB	BQ411	VFFFNtsw	Inter	70	5.40	13.42	4.03	4.20	2.30	509	7.832
BHN	BP42	VFFFNptsw	Inter	77	5.39	15.61	5.11	4.21	2.31	406	6.335
WB	BQ273	VFFFNptsw	Early	79	5.37	15.15	4.85	4.14	2.25	464	7.075
SVS	SV8011TM	VFFNtsw	Inter	88	5.35	13.54	4.02	4.13	2.26	521	8.018
NS	N6397	VFFN	Early	69	5.34	16.52	5.50	4.21	2.29	373	5.722
WB	BQ398	VFFNtsw	Inter	78	5.34	13.35	3.90	4.14	2.29	522	8.027
HM	HM4521	VFFFNptsw*	Inter	78	5.33	14.02	4.22	4.15	2.18	396	5.943
BHN	BP32	VFFFNptswXv*	Inter	79	5.29	15.39	4.84	4.21	2.25	448	6.899
WB	BQ401	VFFFNptsw	Early	71	5.27	18.46	6.34	4.23	2.25	308	4.670
SVS	SVTM9016	VFFFNtsw*	Thick	84	5.26	13.31	3.75	4.12	2.19	546	8.534
HZ	H1662	VFFFNptswLv	Thick	75	5.24	11.68	2.91	4.14	2.18	813	12.402
HM	HM4885	VFFFNptsw*	Thick	81	5.24	12.20	3.15	4.12	2.27	734	11.398
WB	BQ400	VFFFNptsw	Early	73	5.21	14.97	4.50	4.20	2.32	416	6.403
WB	BQ422	VFFFNtsw	Inter	83	5.17	14.64	4.27	4.18	2.27	389	6.024
BHN	BP34	VFFFNptsw*	Thick	81	5.16	13.20	3.53	4.18	2.41	533	8.092

2018 Tomato Chemistry Profile

Brix Sort - 32 Common Locations

Supplier	Variety	Disease Resistance	Use	Fruit Wt (g)	Raw Brix	JB	PPB	Raw pH	a/b	Ostwald	cSt
HZ	H1422	VFFFNP	Thick	78	5.15	12.69	3.26	4.16	2.29	526	8.013
NS	N6434	VFFFNtsw*	Inter	81	5.15	16.09	4.96	4.19	2.19	379	5.803
SVS	SVTM9008	VFFNPtsw*	Thick	80	5.15	12.98	3.40	4.09	2.23	650	9.893
NS	N6441	VFFFNtsw*	Thick	75	5.14	13.58	3.70	4.20	2.22	390	5.978
HM	HM58811	VFFNtsw*	Thick	78	5.13	12.85	3.31	4.16	2.23	386	5.905
HM	HM9905	VFFN*	Inter	71	5.13	16.26	5.01	4.24	2.26	354	5.314
SVS	SV2756TM	VFFNtsw*	Thick	72	5.11	13.10	3.20	4.18	2.22	592	9.026
WB	BQ141	VFFFNPtsw	Inter	69	5.10	13.94	3.81	4.20	2.27	441	6.962
BHN	BP25	VFFFNPtsw	Inter	63	5.08	14.07	3.83	4.18	2.27	505	7.658
HZ	H1310	VFFFNPtsw*	Thick	75	5.07	13.18	3.38	4.19	2.28	585	8.933
NS	N6415	VFFNPtsw*	Thick	79	5.06	12.18	2.86	4.13	2.24	538	8.133
BHN	BP26	VFFFNPtsw	Inter	77	5.06	14.24	3.88	4.21	2.34	483	7.573
NS	N6416	VFNtsw	Early	71	5.05	15.76	4.64	4.18	2.29	399	6.130
WB	BQ413	VFFFNtsw	Early	75	5.04	14.89	4.18	4.25	2.30	368	5.822
SVS	SVTM9007	VFFNPtsw	Thick	69	5.03	12.07	2.75	4.21	2.27	702	10.642
NS	N6428	VFFFNtsw*	Inter	73	5.03	14.93	4.18	4.18	2.18	445	6.751
NS	N6420	VFFNtsw	Pear	79	5.01	15.90	4.64	4.22	2.21	300	4.499
HZ	H1428	VFFNtsw*	Thick	60	5.00	11.52	2.44	4.14	2.31	842	12.883
SVS	SVTM9000	VFFNPtswLv	Early	80	5.00	14.69	4.01	4.22	2.28	452	6.878
HZ	H5608	VFFNPtsw	Thick	71	4.99	12.69	2.99	4.16	2.28	516	7.879
NS	N6426	VFFNtswLv*	Thick	76	4.94	12.83	2.99	4.16	2.31	435	6.789
HZ	H8504	VFFNP*	Thick	71	4.94	12.95	3.05	4.07	2.21	761	11.573
HZ	H2401	VFFNP*	Thick	67	4.92	12.59	2.83	4.08	2.22	546	8.387
NS	N6440	VFFFNtsw*	Inter	76	4.91	14.53	3.79	4.16	2.22	503	7.712
HM	HM7885	VFNP*	Pear	75	4.85	14.20	3.53	4.30	2.25	370	5.774
HZ	H5508	VFFNtsw*	Thick	75	4.70	13.03	2.69	4.11	2.23	545	8.271
Average				76	5.30	14.43	4.37	4.17	2.26	462	7.101

* = EFH, EFS™

Early = 117 Maturity Days or Less

Thin = Predicted Paste Bostwick ≥ 5.40

Intermediate = Predicted Paste Bostwick 3.76 to 5.39

Thick = Predicted Paste Bostwick ≤ 3.75

Pear = Pear Shaped

2018 Tomato Chemistry Profile

JB Sort - 32 Common Locations

Supplier	Variety	Disease Resistance	Use	Fruit Wt (g)	Raw Brix	JB	PPB	Raw pH	a/b	Ostwald	cSt
HZ	H1428	VFFNtsw*	Thick	60	5.00	11.52	2.44	4.14	2.31	842	12.883
HZ	H1662	VFFFNPtswLv	Thick	75	5.24	11.68	2.91	4.14	2.18	813	12.402
HZ	H1776	VFFNPtsw*	Thick	83	5.47	11.94	3.41	4.14	2.28	669	10.461
SVS	SVTM9007	VFFNPtsw	Thick	69	5.03	12.07	2.75	4.21	2.27	702	10.642
NS	N6415	VFFNPtsw*	Thick	79	5.06	12.18	2.86	4.13	2.24	538	8.133
HM	HM4885	VFFNPtsw*	Thick	81	5.24	12.20	3.15	4.12	2.27	734	11.398
HZ	H2401	VFFNP*	Thick	67	4.92	12.59	2.83	4.08	2.22	546	8.387
HZ	H1422	VFFFNP	Thick	78	5.15	12.69	3.26	4.16	2.29	526	8.013
HZ	H5608	VFFNPtsw	Thick	71	4.99	12.69	2.99	4.16	2.28	516	7.879
NS	N6426	VFFNtswLv*	Thick	76	4.94	12.83	2.99	4.16	2.31	435	6.789
HM	HM58811	VFFNtsw*	Thick	78	5.13	12.85	3.31	4.16	2.23	386	5.905
HZ	H8504	VFFNP*	Thick	71	4.94	12.95	3.05	4.07	2.21	761	11.573
SVS	SVTM9008	VFFNPtsw*	Thick	80	5.15	12.98	3.40	4.09	2.23	650	9.893
HZ	H5508	VFFNtsw*	Thick	75	4.70	13.03	2.69	4.11	2.23	545	8.271
SVS	SV2756TM	VFFNtsw*	Thick	72	5.11	13.10	3.20	4.18	2.22	592	9.026
HZ	H1310	VFFFNPtsw*	Thick	75	5.07	13.18	3.38	4.19	2.28	585	8.933
BHN	BP34	VFFFNPtsw*	Thick	81	5.16	13.20	3.53	4.18	2.41	533	8.092
HM	HM58801	VFFFNtsw*	Inter	86	5.59	13.24	4.26	4.20	2.26	338	5.253
SVS	SVTM9014	VFFFNPtsw	Inter	85	5.41	13.25	3.97	4.14	2.28	530	8.213
HM	HM58841	VFFNtsw*	Inter	75	5.61	13.28	4.31	4.16	2.18	459	7.184
SVS	SVTM9016	VFFFNtsw*	Thick	84	5.26	13.31	3.75	4.12	2.19	546	8.534
WB	BQ398	VFFNtsw	Inter	78	5.34	13.35	3.90	4.14	2.29	522	8.027
WB	BQ411	VFFFNtsw	Inter	70	5.40	13.42	4.03	4.20	2.30	509	7.832
SVS	SV8011TM	VFFNtsw	Inter	88	5.35	13.54	4.02	4.13	2.26	521	8.018
NS	N6441	VFFFNtsw*	Thick	75	5.14	13.58	3.70	4.20	2.22	390	5.978
SVS	SVTM9013	VFFFNPtsw	Inter	85	5.45	13.60	4.20	4.14	2.28	495	7.764
HM	HM8163	VFFNtsw	Pear	72	5.82	13.83	4.93	4.25	2.29	406	6.322
HM	HM5235	VFFFNtsw	Inter	79	5.52	13.88	4.46	4.22	2.34	349	5.317
WB	BQ141	VFFFNPtsw	Inter	69	5.10	13.94	3.81	4.20	2.27	441	6.962
HM	HM4521	VFFNPtsw*	Inter	78	5.33	14.02	4.22	4.15	2.18	396	5.943
BHN	BP25	VFFFNPtsw	Inter	63	5.08	14.07	3.83	4.18	2.27	505	7.658
HM	HM7885	VFNP*	Pear	75	4.85	14.20	3.53	4.30	2.25	370	5.774
BHN	BP26	VFFFNPtsw	Inter	77	5.06	14.24	3.88	4.21	2.34	483	7.573
HM	HM5522	VFFNtswFr	Inter	76	5.80	14.29	5.13	4.13	2.31	391	5.942
HM	HM4909	VFFNtswFr	Inter	85	5.54	14.30	4.71	4.07	2.19	511	7.835
HM	HMX61P5369	VFFNtsw	Pear	80	5.41	14.32	4.50	4.28	2.23	377	5.836
NS	N6440	VFFFNtsw*	Inter	76	4.91	14.53	3.79	4.16	2.22	503	7.712
WB	BQ422	VFFFNtsw	Inter	83	5.17	14.64	4.27	4.18	2.27	389	6.024
HM	HM3888	VFFNtsw*	Inter	76	5.44	14.67	4.73	4.24	2.22	300	4.606
SVS	SVTM9000	VFFNPtswLv	Early	80	5.00	14.69	4.01	4.22	2.28	452	6.878
WB	BQ413	VFFFNtsw	Early	75	5.04	14.89	4.18	4.25	2.30	368	5.822

2018 Tomato Chemistry Profile

JB Sort - 32 Common Locations

Supplier	Variety	Disease Resistance	Use	Fruit Wt (g)	Raw Brix	JB	PPB	Raw pH	a/b	Ostwald	cSt
NS	N6428	VFFFNtsw*	Inter	73	5.03	14.93	4.18	4.18	2.18	445	6.751
WB	BQ400	VFFNPtsw	Early	73	5.21	14.97	4.50	4.20	2.32	416	6.403
WB	BQ402	VFFNPtsw	Inter	68	5.43	15.04	4.89	4.19	2.22	447	6.877
WB	BQ273	VFFNPtsw	Early	79	5.37	15.15	4.85	4.14	2.25	464	7.075
HM	HM3887	VFFNtsw	Inter	91	5.50	15.35	5.17	4.16	2.27	283	4.230
HZ	H1293	VFFNPtsw	Pear	63	5.58	15.36	5.30	4.26	2.29	477	7.593
BHN	BP32	VFFFNPtswXv*	Inter	79	5.29	15.39	4.84	4.21	2.25	448	6.899
HM	HM5900	VFFNtsw	Inter	70	5.46	15.52	5.18	4.13	2.23	357	5.423
SVS	SVTM9003	VFFNPtsw*	Inter	72	5.46	15.57	5.21	4.06	2.16	440	6.868
BHN	BP42	VFFFNPtsw	Inter	77	5.39	15.61	5.11	4.21	2.31	406	6.335
NS	N6416	VFNtsw	Early	71	5.05	15.76	4.64	4.18	2.29	399	6.130
HM	HM4326	VFFNtsw	Thin	75	5.62	15.87	5.63	4.13	2.24	391	6.003
BHN	BP43	VFFFNPtsw	Thin	80	5.51	15.88	5.44	4.18	2.30	343	5.312
NS	N6420	VFFNtsw	Pear	79	5.01	15.90	4.64	4.22	2.21	300	4.499
SVS	SVTM1082	VFFFNPtsw	Thin	70	5.55	15.94	5.54	4.14	2.20	494	7.553
SVS	SVTM9011	VFFFNPtsw	Thin	80	5.88	16.04	6.12	4.17	2.27	425	6.344
NS	N6434	VFFFNtsw*	Inter	81	5.15	16.09	4.96	4.19	2.19	379	5.803
HM	HM9905	VFFN*	Inter	71	5.13	16.26	5.01	4.24	2.26	354	5.314
NS	N6397	VFFN	Early	69	5.34	16.52	5.50	4.21	2.29	373	5.722
SVS	AB0311	VFFNPtsw	Thin	82	5.75	16.71	6.26	4.12	2.28	372	5.703
BHN	BP51	VFFFNPtsw*	Early	88	5.59	16.77	6.02	4.15	2.24	369	5.702
SVS	SVTM9012	VFFFNPtsw	Thin	80	5.82	16.79	6.40	4.14	2.28	366	5.699
WB	BQ403	VFFNPtsw	Early	76	5.49	17.07	6.00	4.15	2.30	337	5.223
NS	N6366	VFFNP	Thin	79	5.46	17.49	6.17	4.19	2.29	298	4.487
SVS	DRI319	VFFNPtsw	Thin	83	5.72	17.50	6.60	4.16	2.22	347	5.474
WB	BQ401	VFFNPtsw	Early	71	5.27	18.46	6.34	4.23	2.25	308	4.670
Average				76	5.30	14.43	4.37	4.17	2.26	462	7.101

* = EFH, EFS™

Early = 117 Maturity Days or Less

Thin = Predicted Paste Bostwick ≥ 5.40

Intermediate = Predicted Paste Bostwick 3.76 to 5.39

Thick = Predicted Paste Bostwick ≤ 3.75

Pear = Pear Shaped

2018 Tomato Chemistry Profile

PPB Sort - 32 Common Locations

Supplier	Variety	Disease Resistance	Use	Fruit Wt (g)	Raw Brix	JB	PPB	Raw pH	a/b	Ostwald	cSt
HZ	H1428	VFFNtsw*	Thick	60	5.00	11.52	2.44	4.14	2.31	842	12.883
HZ	H5508	VFFNtsw*	Thick	75	4.70	13.03	2.69	4.11	2.23	545	8.271
SVS	SVTM9007	VFFNPtsw	Thick	69	5.03	12.07	2.75	4.21	2.27	702	10.642
HZ	H2401	VFFNP*	Thick	67	4.92	12.59	2.83	4.08	2.22	546	8.387
NS	N6415	VFFNPtsw*	Thick	79	5.06	12.18	2.86	4.13	2.24	538	8.133
HZ	H1662	VFFFNPtswLv	Thick	75	5.24	11.68	2.91	4.14	2.18	813	12.402
NS	N6426	VFFNtswLv*	Thick	76	4.94	12.83	2.99	4.16	2.31	435	6.789
HZ	H5608	VFFNPtsw	Thick	71	4.99	12.69	2.99	4.16	2.28	516	7.879
HZ	H8504	VFFNP*	Thick	71	4.94	12.95	3.05	4.07	2.21	761	11.573
HM	HM4885	VFFNPtsw*	Thick	81	5.24	12.20	3.15	4.12	2.27	734	11.398
SVS	SV2756TM	VFFNtsw*	Thick	72	5.11	13.10	3.20	4.18	2.22	592	9.026
HZ	H1422	VFFFNP	Thick	78	5.15	12.69	3.26	4.16	2.29	526	8.013
HM	HM58811	VFFNtsw*	Thick	78	5.13	12.85	3.31	4.16	2.23	386	5.905
HZ	H1310	VFFFNPtsw*	Thick	75	5.07	13.18	3.38	4.19	2.28	585	8.933
SVS	SVTM9008	VFFNPtsw*	Thick	80	5.15	12.98	3.40	4.09	2.23	650	9.893
HZ	H1776	VFFNPtsw*	Thick	83	5.47	11.94	3.41	4.14	2.28	669	10.461
BHN	BP34	VFFFNPtsw*	Thick	81	5.16	13.20	3.53	4.18	2.41	533	8.092
HM	HM7885	VFNP*	Pear	75	4.85	14.20	3.53	4.30	2.25	370	5.774
NS	N6441	VFFFNtsw*	Thick	75	5.14	13.58	3.70	4.20	2.22	390	5.978
SVS	SVTM9016	VFFFNtsw*	Thick	84	5.26	13.31	3.75	4.12	2.19	546	8.534
NS	N6440	VFFFNtsw*	Inter	76	4.91	14.53	3.79	4.16	2.22	503	7.712
WB	BQ141	VFFFNPtsw	Inter	69	5.10	13.94	3.81	4.20	2.27	441	6.962
BHN	BP25	VFFFNPtsw	Inter	63	5.08	14.07	3.83	4.18	2.27	505	7.658
BHN	BP26	VFFFNPtsw	Inter	77	5.06	14.24	3.88	4.21	2.34	483	7.573
WB	BQ398	VFFNtsw	Inter	78	5.34	13.35	3.90	4.14	2.29	522	8.027
SVS	SVTM9014	VFFFNPtsw	Inter	85	5.41	13.25	3.97	4.14	2.28	530	8.213
SVS	SVTM9000	VFFNPtswLv	Early	80	5.00	14.69	4.01	4.22	2.28	452	6.878
SVS	SV8011TM	VFFNtsw	Inter	88	5.35	13.54	4.02	4.13	2.26	521	8.018
WB	BQ411	VFFFNtsw	Inter	70	5.40	13.42	4.03	4.20	2.30	509	7.832
WB	BQ413	VFFFNtsw	Early	75	5.04	14.89	4.18	4.25	2.30	368	5.822
NS	N6428	VFFFNtsw*	Inter	73	5.03	14.93	4.18	4.18	2.18	445	6.751
SVS	SVTM9013	VFFFNPtsw	Inter	85	5.45	13.60	4.20	4.14	2.28	495	7.764
HM	HM4521	VFFNPtsw*	Inter	78	5.33	14.02	4.22	4.15	2.18	396	5.943
HM	HM58801	VFFFNtsw*	Inter	86	5.59	13.24	4.26	4.20	2.26	338	5.253
WB	BQ422	VFFFNtsw	Inter	83	5.17	14.64	4.27	4.18	2.27	389	6.024
HM	HM58841	VFFNtsw*	Inter	75	5.61	13.28	4.31	4.16	2.18	459	7.184
HM	HM5235	VFFFNtsw	Inter	79	5.52	13.88	4.46	4.22	2.34	349	5.317
WB	BQ400	VFFNPtsw	Early	73	5.21	14.97	4.50	4.20	2.32	416	6.403
HM	HMX61P5369	VFFNtsw	Pear	80	5.41	14.32	4.50	4.28	2.23	377	5.836
NS	N6420	VFFNtsw	Pear	79	5.01	15.90	4.64	4.22	2.21	300	4.499
NS	N6416	VFNtsw	Early	71	5.05	15.76	4.64	4.18	2.29	399	6.130

2018 Tomato Chemistry Profile

PPB Sort - 32 Common Locations

Supplier	Variety	Disease Resistance	Use	Fruit Wt (g)	Raw Brix	JB	PPB	Raw pH	a/b	Ostwald	cSt
HM	HM4909	VFFNtswFr	Inter	85	5.54	14.30	4.71	4.07	2.19	511	7.835
HM	HM3888	VFFNtsw*	Inter	76	5.44	14.67	4.73	4.24	2.22	300	4.606
BHN	BP32	VFFFNPtswXv*	Inter	79	5.29	15.39	4.84	4.21	2.25	448	6.899
WB	BQ273	VFFNPtsw	Early	79	5.37	15.15	4.85	4.14	2.25	464	7.075
WB	BQ402	VFFNPtsw	Inter	68	5.43	15.04	4.89	4.19	2.22	447	6.877
HM	HM8163	VFFNtsw	Pear	72	5.82	13.83	4.93	4.25	2.29	406	6.322
NS	N6434	VFFFNtsw*	Inter	81	5.15	16.09	4.96	4.19	2.19	379	5.803
HM	HM9905	VFFN*	Inter	71	5.13	16.26	5.01	4.24	2.26	354	5.314
BHN	BP42	VFFFNPtsw	Inter	77	5.39	15.61	5.11	4.21	2.31	406	6.335
HM	HM5522	VFFNtswFr	Inter	76	5.80	14.29	5.13	4.13	2.31	391	5.942
HM	HM3887	VFFNtsw	Inter	91	5.50	15.35	5.17	4.16	2.27	283	4.230
HM	HM5900	VFFNtsw	Inter	70	5.46	15.52	5.18	4.13	2.23	357	5.423
SVS	SVTM9003	VFFNPtsw*	Inter	72	5.46	15.57	5.21	4.06	2.16	440	6.868
HZ	H1293	VFFNPtsw	Pear	63	5.58	15.36	5.30	4.26	2.29	477	7.593
BHN	BP43	VFFFNPtsw	Thin	80	5.51	15.88	5.44	4.18	2.30	343	5.312
NS	N6397	VFFN	Early	69	5.34	16.52	5.50	4.21	2.29	373	5.722
SVS	SVTM1082	VFFFNPtsw	Thin	70	5.55	15.94	5.54	4.14	2.20	494	7.553
HM	HM4326	VFFNtsw	Thin	75	5.62	15.87	5.63	4.13	2.24	391	6.003
WB	BQ403	VFFNPtsw	Early	76	5.49	17.07	6.00	4.15	2.30	337	5.223
BHN	BP51	VFFFNPtsw*	Early	88	5.59	16.77	6.02	4.15	2.24	369	5.702
SVS	SVTM9011	VFFFNPtsw	Thin	80	5.88	16.04	6.12	4.17	2.27	425	6.344
NS	N6366	VFFNP	Thin	79	5.46	17.49	6.17	4.19	2.29	298	4.487
SVS	AB0311	VFFNPtsw	Thin	82	5.75	16.71	6.26	4.12	2.28	372	5.703
WB	BQ401	VFFNPtsw	Early	71	5.27	18.46	6.34	4.23	2.25	308	4.670
SVS	SVTM9012	VFFFNPtsw	Thin	80	5.82	16.79	6.40	4.14	2.28	366	5.699
SVS	DRI319	VFFNPtsw	Thin	83	5.72	17.50	6.60	4.16	2.22	347	5.474
Average				76	5.30	14.43	4.37	4.17	2.26	462	7.101

* = EFH, EFS™

Early = 117 Maturity Days or Less

Thin = Predicted Paste Bostwick ≥ 5.40

Intermediate = Predicted Paste Bostwick 3.76 to 5.39

Thick = Predicted Paste Bostwick ≤ 3.75

Pear = Pear Shaped

2018 Tomato Chemistry Profile

pH Sort - 32 Common Locations

Supplier	Variety	Disease Resistance	Use	Fruit Wt (g)	Raw Brix	JB	PPB	Raw pH	a/b	Ostwald	cSt
SVS	SVTM9003	VFFNPtsw*	Inter	72	5.46	15.57	5.21	4.06	2.16	440	6.868
HM	HM4909	VFFNtswFr	Inter	85	5.54	14.30	4.71	4.07	2.19	511	7.835
HZ	H8504	VFFNP*	Thick	71	4.94	12.95	3.05	4.07	2.21	761	11.573
HZ	H2401	VFFNP*	Thick	67	4.92	12.59	2.83	4.08	2.22	546	8.387
SVS	SVTM9008	VFFNPtsw*	Thick	80	5.15	12.98	3.40	4.09	2.23	650	9.893
HZ	H5508	VFFNtsw*	Thick	75	4.70	13.03	2.69	4.11	2.23	545	8.271
SVS	SVTM9016	VFFFNtsw*	Thick	84	5.26	13.31	3.75	4.12	2.19	546	8.534
HM	HM4885	VFFNPtsw*	Thick	81	5.24	12.20	3.15	4.12	2.27	734	11.398
SVS	AB0311	VFFNPtsw	Thin	82	5.75	16.71	6.26	4.12	2.28	372	5.703
HM	HM5900	VFFNtsw	Inter	70	5.46	15.52	5.18	4.13	2.23	357	5.423
NS	N6415	VFFNPtsw*	Thick	79	5.06	12.18	2.86	4.13	2.24	538	8.133
SVS	SV8011TM	VFFNtsw	Inter	88	5.35	13.54	4.02	4.13	2.26	521	8.018
HM	HM4326	VFFNtsw	Thin	75	5.62	15.87	5.63	4.13	2.24	391	6.003
HM	HM5522	VFFNtswFr	Inter	76	5.80	14.29	5.13	4.13	2.31	391	5.942
HZ	H1428	VFFNtsw*	Thick	60	5.00	11.52	2.44	4.14	2.31	842	12.883
WB	BQ273	VFFNPtsw	Early	79	5.37	15.15	4.85	4.14	2.25	464	7.075
HZ	H1662	VFFFNPtswLv	Thick	75	5.24	11.68	2.91	4.14	2.18	813	12.402
SVS	SVTM9012	VFFFNPtsw	Thin	80	5.82	16.79	6.40	4.14	2.28	366	5.699
HZ	H1776	VFFNPtsw*	Thick	83	5.47	11.94	3.41	4.14	2.28	669	10.461
SVS	SVTM9014	VFFFNPtsw	Inter	85	5.41	13.25	3.97	4.14	2.28	530	8.213
WB	BQ398	VFFNtsw	Inter	78	5.34	13.35	3.90	4.14	2.29	522	8.027
SVS	SVTM1082	VFFFNPtsw	Thin	70	5.55	15.94	5.54	4.14	2.20	494	7.553
SVS	SVTM9013	VFFFNPtsw	Inter	85	5.45	13.60	4.20	4.14	2.28	495	7.764
WB	BQ403	VFFNPtsw	Early	76	5.49	17.07	6.00	4.15	2.30	337	5.223
HM	HM4521	VFFNPtsw*	Inter	78	5.33	14.02	4.22	4.15	2.18	396	5.943
BHN	BP51	VFFFNPtsw*	Early	88	5.59	16.77	6.02	4.15	2.24	369	5.702
HM	HM3887	VFFNtsw	Inter	91	5.50	15.35	5.17	4.16	2.27	283	4.230
HM	HM58811	VFFNtsw*	Thick	78	5.13	12.85	3.31	4.16	2.23	386	5.905
NS	N6426	VFFNtswLv*	Thick	76	4.94	12.83	2.99	4.16	2.31	435	6.789
HZ	H1422	VFFFNP	Thick	78	5.15	12.69	3.26	4.16	2.29	526	8.013
SVS	DRI319	VFFNPtsw	Thin	83	5.72	17.50	6.60	4.16	2.22	347	5.474
HM	HM58841	VFFNtsw*	Inter	75	5.61	13.28	4.31	4.16	2.18	459	7.184
NS	N6440	VFFFNtsw*	Inter	76	4.91	14.53	3.79	4.16	2.22	503	7.712
HZ	H5608	VFFNPtsw	Thick	71	4.99	12.69	2.99	4.16	2.28	516	7.879
SVS	SVTM9011	VFFFNPtsw	Thin	80	5.88	16.04	6.12	4.17	2.27	425	6.344
BHN	BP25	VFFFNPtsw	Inter	63	5.08	14.07	3.83	4.18	2.27	505	7.658
NS	N6416	VFNPtsw	Early	71	5.05	15.76	4.64	4.18	2.29	399	6.130
WB	BQ422	VFFFNtsw	Inter	83	5.17	14.64	4.27	4.18	2.27	389	6.024
SVS	SV2756TM	VFFNtsw*	Thick	72	5.11	13.10	3.20	4.18	2.22	592	9.026
NS	N6428	VFFFNtsw*	Inter	73	5.03	14.93	4.18	4.18	2.18	445	6.751
BHN	BP43	VFFFNPtsw	Thin	80	5.51	15.88	5.44	4.18	2.30	343	5.312

2018 Tomato Chemistry Profile

pH Sort - 32 Common Locations

Supplier	Variety	Disease Resistance	Use	Fruit Wt (g)	Raw Brix	JB	PPB	Raw pH	a/b	Ostwald	cSt
BHN	BP34	VFFFNptsw*	Thick	81	5.16	13.20	3.53	4.18	2.41	533	8.092
NS	N6434	VFFFNtsw*	Inter	81	5.15	16.09	4.96	4.19	2.19	379	5.803
WB	BQ402	VFFNptsw	Inter	68	5.43	15.04	4.89	4.19	2.22	447	6.877
NS	N6366	VFFNP	Thin	79	5.46	17.49	6.17	4.19	2.29	298	4.487
HZ	H1310	VFFFNptsw*	Thick	75	5.07	13.18	3.38	4.19	2.28	585	8.933
HM	HM58801	VFFFNtsw*	Inter	86	5.59	13.24	4.26	4.20	2.26	338	5.253
WB	BQ411	VFFFNtsw	Inter	70	5.40	13.42	4.03	4.20	2.30	509	7.832
WB	BQ141	VFFFNptsw	Inter	69	5.10	13.94	3.81	4.20	2.27	441	6.962
NS	N6441	VFFFNtsw*	Thick	75	5.14	13.58	3.70	4.20	2.22	390	5.978
WB	BQ400	VFFNptsw	Early	73	5.21	14.97	4.50	4.20	2.32	416	6.403
BHN	BP26	VFFFNptsw	Inter	77	5.06	14.24	3.88	4.21	2.34	483	7.573
BHN	BP42	VFFFNptsw	Inter	77	5.39	15.61	5.11	4.21	2.31	406	6.335
BHN	BP32	VFFFNptswXv*	Inter	79	5.29	15.39	4.84	4.21	2.25	448	6.899
SVS	SVTM9007	VFFNptsw	Thick	69	5.03	12.07	2.75	4.21	2.27	702	10.642
NS	N6397	VFFN	Early	69	5.34	16.52	5.50	4.21	2.29	373	5.722
SVS	SVTM9000	VFFNptswLv	Early	80	5.00	14.69	4.01	4.22	2.28	452	6.878
HM	HM5235	VFFFNtsw	Inter	79	5.52	13.88	4.46	4.22	2.34	349	5.317
NS	N6420	VFFNtsw	Pear	79	5.01	15.90	4.64	4.22	2.21	300	4.499
WB	BQ401	VFFNptsw	Early	71	5.27	18.46	6.34	4.23	2.25	308	4.670
HM	HM9905	VFFN*	Inter	71	5.13	16.26	5.01	4.24	2.26	354	5.314
HM	HM3888	VFFNtsw*	Inter	76	5.44	14.67	4.73	4.24	2.22	300	4.606
WB	BQ413	VFFFNtsw	Early	75	5.04	14.89	4.18	4.25	2.30	368	5.822
HM	HM8163	VFFNtsw	Pear	72	5.82	13.83	4.93	4.25	2.29	406	6.322
HZ	H1293	VFFNptsw	Pear	63	5.58	15.36	5.30	4.26	2.29	477	7.593
HM	HMX61P5369	VFFNtsw	Pear	80	5.41	14.32	4.50	4.28	2.23	377	5.836
HM	HM7885	VFNP*	Pear	75	4.85	14.20	3.53	4.30	2.25	370	5.774
Average				76	5.30	14.43	4.37	4.17	2.26	462	7.101

* = EFH, EFS™

Early = 117 Maturity Days or Less

Thin = Predicted Paste Bostwick \geq 5.40

Intermediate = Predicted Paste Bostwick 3.76 to 5.39

Thick = Predicted Paste Bostwick \leq 3.75

Pear = Pear Shaped

2018 Tomato Chemistry Profile

Color - 32 Common Locations

Supplier	Variety	Disease Resistance	Use	Fruit Wt (g)	Raw Brix	JB	PPB	Raw pH	a/b	Ostwald	cSt
BHN	BP34	VFFFNptsw*	Thick	81	5.16	13.20	3.53	4.18	2.41	533	8.092
BHN	BP26	VFFFNptsw	Inter	77	5.06	14.24	3.88	4.21	2.34	483	7.573
HM	HM5235	VFFFNtsw	Inter	79	5.52	13.88	4.46	4.22	2.34	349	5.317
WB	BQ400	VFFFNptsw	Early	73	5.21	14.97	4.50	4.20	2.32	416	6.403
BHN	BP42	VFFFNptsw	Inter	77	5.39	15.61	5.11	4.21	2.31	406	6.335
HZ	H1428	VFFNtsw*	Thick	60	5.00	11.52	2.44	4.14	2.31	842	12.883
HM	HM5522	VFFNtswFr	Inter	76	5.80	14.29	5.13	4.13	2.31	391	5.942
NS	N6426	VFFNtswLv*	Thick	76	4.94	12.83	2.99	4.16	2.31	435	6.789
WB	BQ403	VFFFNptsw	Early	76	5.49	17.07	6.00	4.15	2.30	337	5.223
BHN	BP43	VFFFNptsw	Thin	80	5.51	15.88	5.44	4.18	2.30	343	5.312
WB	BQ411	VFFFNtsw	Inter	70	5.40	13.42	4.03	4.20	2.30	509	7.832
WB	BQ413	VFFFNtsw	Early	75	5.04	14.89	4.18	4.25	2.30	368	5.822
WB	BQ398	VFFNtsw	Inter	78	5.34	13.35	3.90	4.14	2.29	522	8.027
HZ	H1422	VFFFNp	Thick	78	5.15	12.69	3.26	4.16	2.29	526	8.013
NS	N6416	VFNptsw	Early	71	5.05	15.76	4.64	4.18	2.29	399	6.130
NS	N6397	VFFN	Early	69	5.34	16.52	5.50	4.21	2.29	373	5.722
NS	N6366	VFFNP	Thin	79	5.46	17.49	6.17	4.19	2.29	298	4.487
HM	HM8163	VFFNtsw	Pear	72	5.82	13.83	4.93	4.25	2.29	406	6.322
HZ	H1293	VFFFNptsw	Pear	63	5.58	15.36	5.30	4.26	2.29	477	7.593
HZ	H5608	VFFFNptsw	Thick	71	4.99	12.69	2.99	4.16	2.28	516	7.879
SVS	AB0311	VFFFNptsw	Thin	82	5.75	16.71	6.26	4.12	2.28	372	5.703
SVS	SVTM9014	VFFFNptsw	Inter	85	5.41	13.25	3.97	4.14	2.28	530	8.213
HZ	H1776	VFFNptsw*	Thick	83	5.47	11.94	3.41	4.14	2.28	669	10.461
SVS	SVTM9000	VFFNptswLv	Early	80	5.00	14.69	4.01	4.22	2.28	452	6.878
SVS	SVTM9012	VFFFNptsw	Thin	80	5.82	16.79	6.40	4.14	2.28	366	5.699
SVS	SVTM9013	VFFFNptsw	Inter	85	5.45	13.60	4.20	4.14	2.28	495	7.764
HZ	H1310	VFFFNptsw*	Thick	75	5.07	13.18	3.38	4.19	2.28	585	8.933
HM	HM3887	VFFNtsw	Inter	91	5.50	15.35	5.17	4.16	2.27	283	4.230
WB	BQ141	VFFFNptsw	Inter	69	5.10	13.94	3.81	4.20	2.27	441	6.962
BHN	BP25	VFFFNptsw	Inter	63	5.08	14.07	3.83	4.18	2.27	505	7.658
SVS	SVTM9011	VFFFNptsw	Thin	80	5.88	16.04	6.12	4.17	2.27	425	6.344
HM	HM4885	VFFNptsw*	Thick	81	5.24	12.20	3.15	4.12	2.27	734	11.398
WB	BQ422	VFFFNtsw	Inter	83	5.17	14.64	4.27	4.18	2.27	389	6.024
SVS	SVTM9007	VFFFNptsw	Thick	69	5.03	12.07	2.75	4.21	2.27	702	10.642
SVS	SV8011TM	VFFNtsw	Inter	88	5.35	13.54	4.02	4.13	2.26	521	8.018
HM	HM58801	VFFFNtsw*	Inter	86	5.59	13.24	4.26	4.20	2.26	338	5.253
HM	HM9905	VFFN*	Inter	71	5.13	16.26	5.01	4.24	2.26	354	5.314
BHN	BP32	VFFFNptswXv*	Inter	79	5.29	15.39	4.84	4.21	2.25	448	6.899
HM	HM7885	VFNp*	Pear	75	4.85	14.20	3.53	4.30	2.25	370	5.774
WB	BQ273	VFFFNptsw	Early	79	5.37	15.15	4.85	4.14	2.25	464	7.075
WB	BQ401	VFFFNptsw	Early	71	5.27	18.46	6.34	4.23	2.25	308	4.670

2018 Tomato Chemistry Profile

Color - 32 Common Locations

Supplier	Variety	Disease Resistance	Use	Fruit Wt (g)	Raw Brix	JB	PPB	Raw pH	a/b	Ostwald	cSt
HM	HM4326	VFFNtsw	Thin	75	5.62	15.87	5.63	4.13	2.24	391	6.003
BHN	BP51	VFFFNtsw*	Early	88	5.59	16.77	6.02	4.15	2.24	369	5.702
NS	N6415	VFFNtsw*	Thick	79	5.06	12.18	2.86	4.13	2.24	538	8.133
HZ	H5508	VFFNtsw*	Thick	75	4.70	13.03	2.69	4.11	2.23	545	8.271
SVS	SVTM9008	VFFNtsw*	Thick	80	5.15	12.98	3.40	4.09	2.23	650	9.893
HM	HMX61P5369	VFFNtsw	Pear	80	5.41	14.32	4.50	4.28	2.23	377	5.836
HM	HM58811	VFFNtsw*	Thick	78	5.13	12.85	3.31	4.16	2.23	386	5.905
HM	HM5900	VFFNtsw	Inter	70	5.46	15.52	5.18	4.13	2.23	357	5.423
NS	N6440	VFFFNtsw*	Inter	76	4.91	14.53	3.79	4.16	2.22	503	7.712
NS	N6441	VFFFNtsw*	Thick	75	5.14	13.58	3.70	4.20	2.22	390	5.978
HM	HM3888	VFFNtsw*	Inter	76	5.44	14.67	4.73	4.24	2.22	300	4.606
SVS	SV2756TM	VFFNtsw*	Thick	72	5.11	13.10	3.20	4.18	2.22	592	9.026
WB	BQ402	VFFNtsw	Inter	68	5.43	15.04	4.89	4.19	2.22	447	6.877
HZ	H2401	VFFNP*	Thick	67	4.92	12.59	2.83	4.08	2.22	546	8.387
SVS	DRI319	VFFNtsw	Thin	83	5.72	17.50	6.60	4.16	2.22	347	5.474
NS	N6420	VFFNtsw	Pear	79	5.01	15.90	4.64	4.22	2.21	300	4.499
HZ	H8504	VFFNP*	Thick	71	4.94	12.95	3.05	4.07	2.21	761	11.573
SVS	SVTM1082	VFFFNtsw	Thin	70	5.55	15.94	5.54	4.14	2.20	494	7.553
NS	N6434	VFFFNtsw*	Inter	81	5.15	16.09	4.96	4.19	2.19	379	5.803
SVS	SVTM9016	VFFFNtsw*	Thick	84	5.26	13.31	3.75	4.12	2.19	546	8.534
HM	HM4909	VFFNtswFr	Inter	85	5.54	14.30	4.71	4.07	2.19	511	7.835
HM	HM58841	VFFNtsw*	Inter	75	5.61	13.28	4.31	4.16	2.18	459	7.184
NS	N6428	VFFFNtsw*	Inter	73	5.03	14.93	4.18	4.18	2.18	445	6.751
HM	HM4521	VFFNtsw*	Inter	78	5.33	14.02	4.22	4.15	2.18	396	5.943
HZ	H1662	VFFFNtswLv	Thick	75	5.24	11.68	2.91	4.14	2.18	813	12.402
SVS	SVTM9003	VFFNtsw*	Inter	72	5.46	15.57	5.21	4.06	2.16	440	6.868
Average				76	5.30	14.43	4.37	4.17	2.26	462	7.101

* = EFH, EFS™

Early = 117 Maturity Days or Less

Thin = Predicted Paste Bostwick \geq 5.40

Intermediate = Predicted Paste Bostwick 3.76 to 5.39

Thick = Predicted Paste Bostwick \leq 3.75

Pear = Pear Shaped

2018 Tomato Chemistry Profile

Ostwald - 32 Common Locations

Supplier	Variety	Disease Resistance	Use	Fruit Wt (g)	Raw Brix	JB	PPB	Raw pH	a/b	Ostwald	cSt
HZ	H1428	VFFNtsw*	Thick	60	5.00	11.52	2.44	4.14	2.31	842	12.883
HZ	H1662	VFFFNPtswLv	Thick	75	5.24	11.68	2.91	4.14	2.18	813	12.402
HZ	H8504	VFFNP*	Thick	71	4.94	12.95	3.05	4.07	2.21	761	11.573
HM	HM4885	VFFNPtsw*	Thick	81	5.24	12.20	3.15	4.12	2.27	734	11.398
SVS	SVTM9007	VFFNPtsw	Thick	69	5.03	12.07	2.75	4.21	2.27	702	10.642
HZ	H1776	VFFNPtsw*	Thick	83	5.47	11.94	3.41	4.14	2.28	669	10.461
SVS	SVTM9008	VFFNPtsw*	Thick	80	5.15	12.98	3.40	4.09	2.23	650	9.893
SVS	SV2756TM	VFFNtsw*	Thick	72	5.11	13.10	3.20	4.18	2.22	592	9.026
HZ	H1310	VFFFNPtsw*	Thick	75	5.07	13.18	3.38	4.19	2.28	585	8.933
SVS	SVTM9016	VFFFNPtsw*	Thick	84	5.26	13.31	3.75	4.12	2.19	546	8.534
HZ	H2401	VFFNP*	Thick	67	4.92	12.59	2.83	4.08	2.22	546	8.387
HZ	H5508	VFFNtsw*	Thick	75	4.70	13.03	2.69	4.11	2.23	545	8.271
NS	N6415	VFFNPtsw*	Thick	79	5.06	12.18	2.86	4.13	2.24	538	8.133
BHN	BP34	VFFFNPtsw*	Thick	81	5.16	13.20	3.53	4.18	2.41	533	8.092
SVS	SVTM9014	VFFFNPtsw	Inter	85	5.41	13.25	3.97	4.14	2.28	530	8.213
HZ	H1422	VFFFNP	Thick	78	5.15	12.69	3.26	4.16	2.29	526	8.013
WB	BQ398	VFFNtsw	Inter	78	5.34	13.35	3.90	4.14	2.29	522	8.027
SVS	SV8011TM	VFFNtsw	Inter	88	5.35	13.54	4.02	4.13	2.26	521	8.018
HZ	H5608	VFFNPtsw	Thick	71	4.99	12.69	2.99	4.16	2.28	516	7.879
HM	HM4909	VFFNtswFr	Inter	85	5.54	14.30	4.71	4.07	2.19	511	7.835
WB	BQ411	VFFFNPtsw	Inter	70	5.40	13.42	4.03	4.20	2.30	509	7.832
BHN	BP25	VFFFNPtsw	Inter	63	5.08	14.07	3.83	4.18	2.27	505	7.658
NS	N6440	VFFFNPtsw*	Inter	76	4.91	14.53	3.79	4.16	2.22	503	7.712
SVS	SVTM9013	VFFFNPtsw	Inter	85	5.45	13.60	4.20	4.14	2.28	495	7.764
SVS	SVTM1082	VFFFNPtsw	Thin	70	5.55	15.94	5.54	4.14	2.20	494	7.553
BHN	BP26	VFFFNPtsw	Inter	77	5.06	14.24	3.88	4.21	2.34	483	7.573
HZ	H1293	VFFNPtsw	Pear	63	5.58	15.36	5.30	4.26	2.29	477	7.593
WB	BQ273	VFFNPtsw	Early	79	5.37	15.15	4.85	4.14	2.25	464	7.075
HM	HM58841	VFFNtsw*	Inter	75	5.61	13.28	4.31	4.16	2.18	459	7.184
SVS	SVTM9000	VFFNPtswLv	Early	80	5.00	14.69	4.01	4.22	2.28	452	6.878
BHN	BP32	VFFFNPtswXv*	Inter	79	5.29	15.39	4.84	4.21	2.25	448	6.899
WB	BQ402	VFFNPtsw	Inter	68	5.43	15.04	4.89	4.19	2.22	447	6.877
NS	N6428	VFFFNPtsw*	Inter	73	5.03	14.93	4.18	4.18	2.18	445	6.751
WB	BQ141	VFFFNPtsw	Inter	69	5.10	13.94	3.81	4.20	2.27	441	6.962
SVS	SVTM9003	VFFNPtsw*	Inter	72	5.46	15.57	5.21	4.06	2.16	440	6.868
NS	N6426	VFFNtswLv*	Thick	76	4.94	12.83	2.99	4.16	2.31	435	6.789
SVS	SVTM9011	VFFFNPtsw	Thin	80	5.88	16.04	6.12	4.17	2.27	425	6.344
WB	BQ400	VFFNPtsw	Early	73	5.21	14.97	4.50	4.20	2.32	416	6.403
BHN	BP42	VFFFNPtsw	Inter	77	5.39	15.61	5.11	4.21	2.31	406	6.335
HM	HM8163	VFFNtsw	Pear	72	5.82	13.83	4.93	4.25	2.29	406	6.322
NS	N6416	VFNptsw	Early	71	5.05	15.76	4.64	4.18	2.29	399	6.130

2018 Tomato Chemistry Profile

Ostwald - 32 Common Locations

Supplier	Variety	Disease Resistance	Use	Fruit Wt (g)	Raw Brix	JB	PPB	Raw pH	a/b	Ostwald	cSt
HM	HM4521	VFFNPtsw*	Inter	78	5.33	14.02	4.22	4.15	2.18	396	5.943
HM	HM4326	VFFNtsw	Thin	75	5.62	15.87	5.63	4.13	2.24	391	6.003
HM	HM5522	VFFNtswFr	Inter	76	5.80	14.29	5.13	4.13	2.31	391	5.942
NS	N6441	VFFFNtsw*	Thick	75	5.14	13.58	3.70	4.20	2.22	390	5.978
WB	BQ422	VFFFNtsw	Inter	83	5.17	14.64	4.27	4.18	2.27	389	6.024
HM	HM58811	VFFNtsw*	Thick	78	5.13	12.85	3.31	4.16	2.23	386	5.905
NS	N6434	VFFFNtsw*	Inter	81	5.15	16.09	4.96	4.19	2.19	379	5.803
HM	HMX61P5369	VFFNtsw	Pear	80	5.41	14.32	4.50	4.28	2.23	377	5.836
NS	N6397	VFFN	Early	69	5.34	16.52	5.50	4.21	2.29	373	5.722
SVS	AB0311	VFFNPtsw	Thin	82	5.75	16.71	6.26	4.12	2.28	372	5.703
HM	HM7885	VFNP*	Pear	75	4.85	14.20	3.53	4.30	2.25	370	5.774
BHN	BP51	VFFFNPtsw*	Early	88	5.59	16.77	6.02	4.15	2.24	369	5.702
WB	BQ413	VFFFNtsw	Early	75	5.04	14.89	4.18	4.25	2.30	368	5.822
SVS	SVTM9012	VFFFNPtsw	Thin	80	5.82	16.79	6.40	4.14	2.28	366	5.699
HM	HM5900	VFFNtsw	Inter	70	5.46	15.52	5.18	4.13	2.23	357	5.423
HM	HM9905	VFFN*	Inter	71	5.13	16.26	5.01	4.24	2.26	354	5.314
HM	HM5235	VFFFNtsw	Inter	79	5.52	13.88	4.46	4.22	2.34	349	5.317
SVS	DRI319	VFFNPtsw	Thin	83	5.72	17.50	6.60	4.16	2.22	347	5.474
BHN	BP43	VFFFNPtsw	Thin	80	5.51	15.88	5.44	4.18	2.30	343	5.312
HM	HM58801	VFFFNtsw*	Inter	86	5.59	13.24	4.26	4.20	2.26	338	5.253
WB	BQ403	VFFNPtsw	Early	76	5.49	17.07	6.00	4.15	2.30	337	5.223
WB	BQ401	VFFNPtsw	Early	71	5.27	18.46	6.34	4.23	2.25	308	4.670
HM	HM3888	VFFNtsw*	Inter	76	5.44	14.67	4.73	4.24	2.22	300	4.606
NS	N6420	VFFNtsw	Pear	79	5.01	15.90	4.64	4.22	2.21	300	4.499
NS	N6366	VFFNP	Thin	79	5.46	17.49	6.17	4.19	2.29	298	4.487
HM	HM3887	VFFNtsw	Inter	91	5.50	15.35	5.17	4.16	2.27	283	4.230
Average				76	5.30	14.43	4.37	4.17	2.26	462	7.101

* = EFH, EFS™

Early = 117 Maturity Days or Less

Thin = Predicted Paste Bostwick ≥ 5.40

Intermediate = Predicted Paste Bostwick 3.76 to 5.39

Thick = Predicted Paste Bostwick ≤ 3.75

Pear = Pear Shaped

2018 Tomato Chemistry Profile

cST - 32 Common Locations

Supplier	Variety	Disease Resistance	Use	Fruit Wt (g)	Raw Brix	JB	PPB	Raw pH	a/b	Ostwald	cSt
HZ	H1428	VFFNtsw*	Thick	60	5.00	11.52	2.44	4.14	2.31	842	12.883
HZ	H1662	VFFFNPtswLv	Thick	75	5.24	11.68	2.91	4.14	2.18	813	12.402
HZ	H8504	VFFNP*	Thick	71	4.94	12.95	3.05	4.07	2.21	761	11.573
HM	HM4885	VFFNPtsw*	Thick	81	5.24	12.20	3.15	4.12	2.27	734	11.398
SVS	SVTM9007	VFFNPtsw	Thick	69	5.03	12.07	2.75	4.21	2.27	702	10.642
HZ	H1776	VFFNPtsw*	Thick	83	5.47	11.94	3.41	4.14	2.28	669	10.461
SVS	SVTM9008	VFFNPtsw*	Thick	80	5.15	12.98	3.40	4.09	2.23	650	9.893
SVS	SV2756TM	VFFNtsw*	Thick	72	5.11	13.10	3.20	4.18	2.22	592	9.026
HZ	H1310	VFFFNPtsw*	Thick	75	5.07	13.18	3.38	4.19	2.28	585	8.933
SVS	SVTM9016	VFFFNPtsw*	Thick	84	5.26	13.31	3.75	4.12	2.19	546	8.534
HZ	H2401	VFFNP*	Thick	67	4.92	12.59	2.83	4.08	2.22	546	8.387
HZ	H5508	VFFNtsw*	Thick	75	4.70	13.03	2.69	4.11	2.23	545	8.271
SVS	SVTM9014	VFFFNPtsw	Inter	85	5.41	13.25	3.97	4.14	2.28	530	8.213
NS	N6415	VFFNPtsw*	Thick	79	5.06	12.18	2.86	4.13	2.24	538	8.133
BHN	BP34	VFFFNPtsw*	Thick	81	5.16	13.20	3.53	4.18	2.41	533	8.092
WB	BQ398	VFFNtsw	Inter	78	5.34	13.35	3.90	4.14	2.29	522	8.027
SVS	SV8011TM	VFFNtsw	Inter	88	5.35	13.54	4.02	4.13	2.26	521	8.018
HZ	H1422	VFFFNP	Thick	78	5.15	12.69	3.26	4.16	2.29	526	8.013
HZ	H5608	VFFNPtsw	Thick	71	4.99	12.69	2.99	4.16	2.28	516	7.879
HM	HM4909	VFFNtswFr	Inter	85	5.54	14.30	4.71	4.07	2.19	511	7.835
WB	BQ411	VFFFNPtsw	Inter	70	5.40	13.42	4.03	4.20	2.30	509	7.832
SVS	SVTM9013	VFFFNPtsw	Inter	85	5.45	13.60	4.20	4.14	2.28	495	7.764
NS	N6440	VFFFNPtsw*	Inter	76	4.91	14.53	3.79	4.16	2.22	503	7.712
BHN	BP25	VFFFNPtsw	Inter	63	5.08	14.07	3.83	4.18	2.27	505	7.658
HZ	H1293	VFFNPtsw	Pear	63	5.58	15.36	5.30	4.26	2.29	477	7.593
BHN	BP26	VFFFNPtsw	Inter	77	5.06	14.24	3.88	4.21	2.34	483	7.573
SVS	SVTM1082	VFFFNPtsw	Thin	70	5.55	15.94	5.54	4.14	2.20	494	7.553
HM	HM58841	VFFNtsw*	Inter	75	5.61	13.28	4.31	4.16	2.18	459	7.184
WB	BQ273	VFFNPtsw	Early	79	5.37	15.15	4.85	4.14	2.25	464	7.075
WB	BQ141	VFFFNPtsw	Inter	69	5.10	13.94	3.81	4.20	2.27	441	6.962
BHN	BP32	VFFFNPtswXv*	Inter	79	5.29	15.39	4.84	4.21	2.25	448	6.899
SVS	SVTM9000	VFFNPtswLv	Early	80	5.00	14.69	4.01	4.22	2.28	452	6.878
WB	BQ402	VFFNPtsw	Inter	68	5.43	15.04	4.89	4.19	2.22	447	6.877
SVS	SVTM9003	VFFNPtsw*	Inter	72	5.46	15.57	5.21	4.06	2.16	440	6.868
NS	N6426	VFFNtswLv*	Thick	76	4.94	12.83	2.99	4.16	2.31	435	6.789
NS	N6428	VFFFNPtsw*	Inter	73	5.03	14.93	4.18	4.18	2.18	445	6.751
WB	BQ400	VFFNPtsw	Early	73	5.21	14.97	4.50	4.20	2.32	416	6.403
SVS	SVTM9011	VFFFNPtsw	Thin	80	5.88	16.04	6.12	4.17	2.27	425	6.344
BHN	BP42	VFFFNPtsw	Inter	77	5.39	15.61	5.11	4.21	2.31	406	6.335
HM	HM8163	VFFNtsw	Pear	72	5.82	13.83	4.93	4.25	2.29	406	6.322
NS	N6416	VFNptsw	Early	71	5.05	15.76	4.64	4.18	2.29	399	6.130

2018 Tomato Chemistry Profile

cST - 32 Common Locations

Supplier	Variety	Disease Resistance	Use	Fruit Wt (g)	Raw Brix	JB	PPB	Raw pH	a/b	Ostwald	cSt
WB	BQ422	VFFFNtsw	Inter	83	5.17	14.64	4.27	4.18	2.27	389	6.024
HM	HM4326	VFFFNtsw	Thin	75	5.62	15.87	5.63	4.13	2.24	391	6.003
NS	N6441	VFFFNtsw*	Thick	75	5.14	13.58	3.70	4.20	2.22	390	5.978
HM	HM4521	VFFNPtsw*	Inter	78	5.33	14.02	4.22	4.15	2.18	396	5.943
HM	HM5522	VFFFNtswFr	Inter	76	5.80	14.29	5.13	4.13	2.31	391	5.942
HM	HM58811	VFFFNtsw*	Thick	78	5.13	12.85	3.31	4.16	2.23	386	5.905
HM	HMX61P5369	VFFFNtsw	Pear	80	5.41	14.32	4.50	4.28	2.23	377	5.836
WB	BQ413	VFFFNtsw	Early	75	5.04	14.89	4.18	4.25	2.30	368	5.822
NS	N6434	VFFFNtsw*	Inter	81	5.15	16.09	4.96	4.19	2.19	379	5.803
HM	HM7885	VFNP*	Pear	75	4.85	14.20	3.53	4.30	2.25	370	5.774
NS	N6397	VFFN	Early	69	5.34	16.52	5.50	4.21	2.29	373	5.722
SVS	AB0311	VFFNPtsw	Thin	82	5.75	16.71	6.26	4.12	2.28	372	5.703
BHN	BP51	VFFFNtsw*	Early	88	5.59	16.77	6.02	4.15	2.24	369	5.702
SVS	SVTM9012	VFFFNtsw	Thin	80	5.82	16.79	6.40	4.14	2.28	366	5.699
SVS	DRI319	VFFNPtsw	Thin	83	5.72	17.50	6.60	4.16	2.22	347	5.474
HM	HM5900	VFFFNtsw	Inter	70	5.46	15.52	5.18	4.13	2.23	357	5.423
HM	HM5235	VFFFNtsw	Inter	79	5.52	13.88	4.46	4.22	2.34	349	5.317
HM	HM9905	VFFN*	Inter	71	5.13	16.26	5.01	4.24	2.26	354	5.314
BHN	BP43	VFFFNtsw	Thin	80	5.51	15.88	5.44	4.18	2.30	343	5.312
HM	HM58801	VFFFNtsw*	Inter	86	5.59	13.24	4.26	4.20	2.26	338	5.253
WB	BQ403	VFFNPtsw	Early	76	5.49	17.07	6.00	4.15	2.30	337	5.223
WB	BQ401	VFFNPtsw	Early	71	5.27	18.46	6.34	4.23	2.25	308	4.670
HM	HM3888	VFFFNtsw*	Inter	76	5.44	14.67	4.73	4.24	2.22	300	4.606
NS	N6420	VFFFNtsw	Pear	79	5.01	15.90	4.64	4.22	2.21	300	4.499
NS	N6366	VFFNP	Thin	79	5.46	17.49	6.17	4.19	2.29	298	4.487
HM	HM3887	VFFFNtsw	Inter	91	5.50	15.35	5.17	4.16	2.27	283	4.230
Average				76	5.30	14.43	4.37	4.17	2.26	462	7.101

* = EFH, EFS™

Early = 117 Maturity Days or Less

Thin = Predicted Paste Bostwick \geq 5.40

Intermediate = Predicted Paste Bostwick 3.76 to 5.39

Thick = Predicted Paste Bostwick \leq 3.75

Pear = Pear Shaped

2018 Tomato Chemistry Profile for 2019 Adaptive Varieties

Supplier Sort

Supplier	Variety	# of Locations	Disease Resistance	Use	Fruit Wt (g)	Raw Brix	JB	PPB	Raw pH	a/b	Ostwald	cSt
BHN Seed												
BHN	BP48	32	VFFFNptsw	Thin	84	5.85	17.85	6.99	4.20	2.30	288	4.449
BHN	BP50	32	VFFFNptsw	Thick	80	5.07	12.95	3.26	4.15	2.25	525	8.087
BHN	BP51	32	VFFFNptsw*	Early	90	5.45	17.13	5.98	4.18	2.25	340	5.242
NS	N6415	32	VFFFNptsw*	Thick	80	4.99	12.42	2.87	4.16	2.24	570	8.586
SVS	DRI319	32	VFFFNptsw	Thin	83	5.67	17.91	6.72	4.19	2.22	309	4.869
SVS	SV8011TM	32	VFFFNptsw	Inter	87	5.27	14.26	4.24	4.13	2.27	471	7.277
WB	BQ273	32	VFFFNptsw	Early	78	5.38	15.60	5.10	4.16	2.27	410	6.277
NS	N6428	32	VFFFNptsw*	Inter	74	4.94	15.00	4.08	4.20	2.17	447	6.768
Harris Moran												
HM	HMX61P5369	18	VFFFNptsw	Pear	82	5.39	13.30	3.97	4.22	2.21	443	6.910
HM	HMX61P6140	18	VFFFNptsw	Thick	67	5.26	11.44	2.82	4.13	2.22	1021	16.307
HM	HMX61P6175	18	VFFFNptsw*	Inter	79	5.44	12.23	3.51	4.18	2.28	317	4.617
HM	HMX61P6357	18	VFFFNptsw	Early	74	5.35	15.75	5.13	4.19	2.26	297	4.453
HZ	H1293	18	VFFFNptsw	Pear	62	5.56	15.03	5.11	4.19	2.24	535	8.670
NS	N6415	18	VFFFNptsw*	Thick	73	5.16	11.57	2.71	4.08	2.24	577	8.330
SVS	DRI319	18	VFFFNptsw	Thin	82	5.70	16.55	6.10	4.09	2.19	340	5.473
SVS	SV8011TM	18	VFFFNptsw	Thick	88	5.19	12.54	3.25	4.11	2.28	491	7.767
WB	BQ273	18	VFFFNptsw	Early	76	5.31	14.19	4.27	4.06	2.20	510	7.440
NS	N6428	18	VFFFNptsw*	Inter	68	5.18	14.26	4.09	4.15	2.23	413	6.263
Heinz												
HZ	H1881	60	VFFFNptsw	Inter	74	5.15	16.21	5.02	4.17	2.38	332	5.185
HZ	H1884	60	VFFFNptsw	Inter	77	5.06	14.17	3.85	4.13	2.31	338	5.307
HZ	H1886	60	VFFFNptsw	Thick	83	5.16	13.17	3.52	4.18	2.34	377	5.824
NS	N6415	60	VFFFNptsw*	Thick	78	5.01	12.18	2.78	4.13	2.23	530	7.965
SVS	DRI319	60	VFFFNptsw	Thin	83	5.69	17.64	6.61	4.16	2.22	331	5.212
SVS	SV8011TM	60	VFFFNptsw	Inter	88	5.29	13.60	3.95	4.13	2.26	500	7.724
Nunhems												
NS	N6459	42	VFFFNptsw	Thick	77	5.32	13.12	3.75	4.24	2.31	495	7.400
NS	N6460	42	VFFFNptsw*	Inter	75	5.16	14.94	4.41	4.17	2.27	390	6.008
NS	N6461	42	VFFFNptsw*	Inter	74	5.18	13.79	3.86	4.17	2.22	499	7.566
NS	N6415	42	VFFFNptsw*	Thick	78	5.15	12.06	2.94	4.12	2.27	559	8.334
NS	N6428	42	VFFFNptsw*	Inter	74	5.09	14.47	4.06	4.17	2.20	484	7.277
SVS	DRI319	42	VFFFNptsw	Thin	82	5.71	16.96	6.32	4.17	2.21	336	5.345
SVS	SV8011TM	42	VFFFNptsw	Inter	87	5.27	13.34	3.78	4.13	2.28	514	7.987
WB	BQ273	42	VFFFNptsw	Early	78	5.35	14.97	4.73	4.13	2.26	454	6.883

2018 Tomato Chemistry Profile for 2019 Adaptive Varieties

Supplier Sort

Supplier	Variety	# of Locations	Disease Resistance	Use	Fruit Wt (g)	Raw Brix	JB	PPB	Raw pH	a/b	Ostwald	cSt
Seminis												
SVS	SVTM9011	64	VFFFNptsw	Thin	80	5.88	16.04	6.12	4.17	2.27	425	6.344
SVS	SVTM9012	64	VFFFNptsw	Thin	80	5.82	16.79	6.40	4.14	2.28	366	5.699
SVS	SVTM9013	64	VFFFNptsw	Inter	85	5.45	13.60	4.20	4.14	2.28	495	7.764
SVS	SVTM9014	64	VFFFNptsw	Inter	85	5.41	13.25	3.97	4.14	2.28	530	8.213
SVS	SVTM9016	64	VFFFNtsw*	Thick	84	5.26	13.31	3.75	4.12	2.19	546	8.534
SVS	SV8011TM	64	VFFFNtsw	Inter	88	5.35	13.54	4.02	4.13	2.26	521	8.018
NS	N6415	64	VFFFNptsw*	Thick	79	5.06	12.18	2.86	4.13	2.24	538	8.133
SVS	DRI319	64	VFFFNptsw	Thin	83	5.72	17.50	6.60	4.16	2.22	347	5.474
HM	HM3887	64	VFFFNtsw	Inter	91	5.50	15.35	5.17	4.16	2.27	283	4.230
NS	N6428	64	VFFFNtsw*	Inter	73	5.03	14.93	4.18	4.18	2.18	445	6.751
United Genetics												
UG	UG29314	22	VFFFNptsw*	Inter	72	5.51	13.05	4.03	4.17	2.31	377	5.942
UG	UG29814	22	VFFFNptsw*	Inter	80	5.53	13.30	4.19	4.25	2.25	384	5.629
UG	UG37314	22	VFFFNptswFr*	Inter	97	5.13	14.59	4.18	4.10	2.23	349	5.410
UG	UG40714	22	VFFFNptswFr*	Thick	69	5.31	13.88	4.12	4.13	2.29	438	6.706
HM	HM3887	22	VFFFNtsw	Inter	97	5.47	15.18	5.03	4.20	2.29	309	4.654
NS	N6415	22	VFFFNptsw*	Thick	82	5.03	12.08	2.75	4.18	2.23	500	7.384
SVS	DRI319	22	VFFFNptsw	Thin	78	5.85	16.55	6.34	4.26	2.22	324	5.024
SVS	SV8011TM	22	VFFFNtsw	Inter	84	5.40	14.06	4.35	4.15	2.26	522	8.003
WB	BQ273	22	VFFFNptsw	Early	84	5.45	15.32	5.07	4.17	2.30	423	6.374
NS	N6428	22	VFFFNtsw*	Inter	80	4.98	13.50	3.39	4.21	2.13	472	7.264

* = EFH, EFS™

Early = 117 Maturity Days or Less

Thin = Predicted Paste Bostwick \geq 5.40

Intermediate = Predicted Paste Bostwick 3.76 to 5.39

Thick = Predicted Paste Bostwick \leq 3.75

Pear = Pear Shaped

2018 Tomato Chemistry Profile for 2019 Adaptive Varieties

Supplier Use Sort

Supplier	Variety	# of Locations	Disease Resistance	Use	Fruit Wt (g)	Raw Brix	JB	PPB	Raw pH	a/b	Ostwald	cSt
BHN Seed												
BHN	BP51	32	VFFFNptsw*	Early	90	5.45	17.13	5.98	4.18	2.25	340	5.242
WB	BQ273	32	VFFNptsw	Early	78	5.38	15.60	5.10	4.16	2.27	410	6.277
SVS	SV8011TM	32	VFFNptsw	Inter	87	5.27	14.26	4.24	4.13	2.27	471	7.277
NS	N6428	32	VFFFNptsw*	Inter	74	4.94	15.00	4.08	4.20	2.17	447	6.768
BHN	BP50	32	VFFFNptsw	Thick	80	5.07	12.95	3.26	4.15	2.25	525	8.087
NS	N6415	32	VFFNptsw*	Thick	80	4.99	12.42	2.87	4.16	2.24	570	8.586
BHN	BP48	32	VFFFNptsw	Thin	84	5.85	17.85	6.99	4.20	2.30	288	4.449
SVS	DRI319	32	VFFNptsw	Thin	83	5.67	17.91	6.72	4.19	2.22	309	4.869
Harris Moran												
HM	HMX61P6357	18	VFFNptsw	Early	74	5.35	15.75	5.13	4.19	2.26	297	4.453
WB	BQ273	18	VFFNptsw	Early	76	5.31	14.19	4.27	4.06	2.20	510	7.440
HM	HMX61P6175	18	VFFFNptsw*	Inter	79	5.44	12.23	3.51	4.18	2.28	317	4.617
NS	N6428	18	VFFFNptsw*	Inter	68	5.18	14.26	4.09	4.15	2.23	413	6.263
HM	HMX61P5369	18	VFFNptsw	Pear	82	5.39	13.30	3.97	4.22	2.21	443	6.910
HZ	H1293	18	VFFNptsw	Pear	62	5.56	15.03	5.11	4.19	2.24	535	8.670
HM	HMX61P6140	18	VFFNptsw	Thick	67	5.26	11.44	2.82	4.13	2.22	1021	16.307
NS	N6415	18	VFFNptsw*	Thick	73	5.16	11.57	2.71	4.08	2.24	577	8.330
SVS	SV8011TM	18	VFFNptsw	Thick	88	5.19	12.54	3.25	4.11	2.28	491	7.767
SVS	DRI319	18	VFFNptsw	Thin	82	5.70	16.55	6.10	4.09	2.19	340	5.473
Heinz												
HZ	H1881	60	VFFNptsw	Inter	74	5.15	16.21	5.02	4.17	2.38	332	5.185
HZ	H1884	60	VFFNptsw	Inter	77	5.06	14.17	3.85	4.13	2.31	338	5.307
SVS	SV8011TM	60	VFFNptsw	Inter	88	5.29	13.60	3.95	4.13	2.26	500	7.724
HZ	H1886	60	VFFNptsw	Thick	83	5.16	13.17	3.52	4.18	2.34	377	5.824
NS	N6415	60	VFFNptsw*	Thick	78	5.01	12.18	2.78	4.13	2.23	530	7.965
SVS	DRI319	60	VFFNptsw	Thin	83	5.69	17.64	6.61	4.16	2.22	331	5.212
Nunhems												
WB	BQ273	42	VFFNptsw	Early	78	5.35	14.97	4.73	4.13	2.26	454	6.883
NS	N6460	42	VFFFNptsw*	Inter	75	5.16	14.94	4.41	4.17	2.27	390	6.008
NS	N6461	42	VFFFNptsw*	Inter	74	5.18	13.79	3.86	4.17	2.22	499	7.566
NS	N6428	42	VFFFNptsw*	Inter	74	5.09	14.47	4.06	4.17	2.20	484	7.277
SVS	SV8011TM	42	VFFNptsw	Inter	87	5.27	13.34	3.78	4.13	2.28	514	7.987
NS	N6459	42	VFFFNptsw	Thick	77	5.32	13.12	3.75	4.24	2.31	495	7.400
NS	N6415	42	VFFNptsw*	Thick	78	5.15	12.06	2.94	4.12	2.27	559	8.334
SVS	DRI319	42	VFFNptsw	Thin	82	5.71	16.96	6.32	4.17	2.21	336	5.345

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SVS	SV8011TM	64	VFFNtsw	Inter	88	5.35	13.54	4.02	4.13	2.26	521	8.018
HM	HM3887	64	VFFNtsw	Inter	91	5.50	15.35	5.17	4.16	2.27	283	4.230
NS	N6428	64	VFFFNtsw*	Inter	73	5.03	14.93	4.18	4.18	2.18	445	6.751
SVS	SVTM9016	64	VFFFNtsw*	Thick	84	5.26	13.31	3.75	4.12	2.19	546	8.534
NS	N6415	64	VFFNptsw*	Thick	79	5.06	12.18	2.86	4.13	2.24	538	8.133
SVS	SVTM9011	64	VFFFNptsw	Thin	80	5.88	16.04	6.12	4.17	2.27	425	6.344
SVS	SVTM9012	64	VFFFNptsw	Thin	80	5.82	16.79	6.40	4.14	2.28	366	5.699
SVS	DRI319	64	VFFNptsw	Thin	83	5.72	17.50	6.60	4.16	2.22	347	5.474
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UG	UG29314	22	VFFFNptsw*	Inter	72	5.51	13.05	4.03	4.17	2.31	377	5.942
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NS	N6415	22	VFFNptsw*	Thick	82	5.03	12.08	2.75	4.18	2.23	500	7.384
SVS	DRI319	22	VFFNptsw	Thin	78	5.85	16.55	6.34	4.26	2.22	324	5.024

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