

Oregon State University Cemetery Block Variety Evaluation Results 2005-2017

Lynn E. Long, David Crawford, Pamela Manning														Firmness	Row Size					Informal Evaluation			
Variety	Year	Rootstock	First Bloom	5% Bloom	Full Bloom	Harvest Date	Ripeness Status	Total Soluble Solids(%)	CTIFL Color Skin	CTIFL Color Flesh	Pitting Rating (1=Good, 4=Bad)	Stem Pull (g)	Fruit Dia. (mm)	Average (g/mm)	% 9-row +	% 8-row +	Titratable Acidity (%)	% Natural Crack	% Crack 2 hour soak	Crop Size	Taste (Mild/Strong)	Texture (Soft/Firm)	Overall Evaluation (Poor-Excellent)
Attika (Kordia)																							
	2005	Mazzard	28-Mar		April 11 (+8)	July 7 (+8)	Ripe	17.9	6	5			29.1	277.1	40	0		5		Medium	Mild	Firm	Good
	2006	Mazzard	13-Apr		April 21 (+5)	July 13 (+7)	Ripe	18.5	6	6			30.3	273.0	68	0				Med/Heavy	Strong	Medium	Good
	2007	Mazzard	5-Apr		April 19 (+9)	July 2 (+4)	Ripe	20.8	6	6			30.7	320.4	76	0				Light	Strong	Firm	Excellent
	2008	Mazzard	15-Apr		April 28 (+8)	July 11 (+4)	Ripe	17.8	6	5		694	27.5	288.0	0	0				Light/Med	Medium	Firm	Good
	2009	Mazzard	18-Apr	April 20 (+4)	April 26 (+4)	July 10 (+6)	Ripe	18.3	6	5		628	29.2	271.4	32	0				Heavy			
	2010	Mazzard	11-Apr	April 14 (+9)	April 18 (+6)	July 16 (+7)	Ripe	17.7	5.5	4		1049	28.8	291.7	24	0				Light			
	2011	Mazzard	4-Apr	April 24 (+10)	May 2 (+8)	July 17 (+4)	Ripe	17.6	5.5	4		1090	28.8	391.5	16	4		28		Med/Heavy			
	2012	Mazzard	13-Apr	April 17 (+4)	April 23 (+3)	July 12 (+6)	Ripe	19	6	5.5		1115	28.9	242.9	24	0		20		Heavy	Medium	Medium	Good
	2013	Mazzard	5-Apr	April 6 (+6)	April 16 (+9)	July 1 (+2)	Ripe	18.3	6	5	2.77	1208	29.1	248.1	28	0		16		Light			
	2014	Mazzard	7-Apr	April 10 (+5)	April 14 (+6)	July 2 (+9)	Ripe	18.3	6	5.5		877	31.9	301.0	96	8		24		Medium	Strong	Firm	Excellent
	2015	Mazzard		March 27 (+7)	April 1 (+6)	June 24 (+9)	Ripe	18.4	6.5	5.5	2.56	717	30.4	423.0	74	0				Light			
	2016	Mazzard	2-Apr	April 2 (+6)	April 7 (+5)	June 23 (+6)	Ripe	20.8	7	6	2.48	781	30.9	399.5	96	0	0.65	5	12	Light	Medium	Fairly Firm	Good
	2017	Mazzard	13-Apr	April 14 (+6)	April 26 (+8)	July 5 (+2)	Ripe	14.4	6	5	2.62	628	29.0	341.3			0.89		6				
	AVG	Mazzard		6.3 Days After Bing	6.5 Days After Bing	5.7 Days After Bing		18.3	6.0	5.2	2.61	878.7	29.6	313.0	47.8	1.0	0.8	16.3	9.0				
Benton																							
	2005#		31-Mar		7-Apr	22-Jun	Ripe	22.2	6	4		912	29.6	308	44	0					Strong	Firm	Good
	2006	Mazzard	15-Apr		April 19 (+3)	July 3 (-3)	Ripe	20.9	6	5			32.0	294	97	18		15		Light	Strong	Firm	Excellent
		Gisela 5	15-Apr		19-Apr	29-Jun	Ripe	18.8	6	4			30.1	225	64	0		13		Medium	Medium	Firm	Good
	2007	Mazzard	5-Apr		April 22 (+12)	2-Jul	Ripe	23.6	6	6			31.1	362	80	7				Light	Mild/Med	Firm	Good
		Gisela 5	5-Apr		16-Apr	2-Jul	Ripe	22.9	5	6			28.8	367	23	0				Medium	Medium	Firm	Good
	2008	Mazzard	17-Apr		April 28 (+8)	July 7 (0)	Ripe	19.2	5	4		1100	30.4	270	9	0				Light			
		Gisela 5	15-Apr		27-Apr	7-Jul	Ripe	18.1	5	4		1210	29.6	276	12	0				Med/Light	Medium	Firm	Excellent
	2009	Mazzard	18-Apr	April 20 (+4)	April 26 (+4)	July 2 (-2)	Ripe	22.4	4	3		666	30.0	242						Med/Heavy			
		Gisela 5	18-Apr	20-Apr	28-Apr	4-Jul	Ripe	18.4	5	4		1058	27.5	276	8	0				Med/Heavy			
	2010	Mazzard	7-Apr	April 14 (+9)	April 17 (+5)	July 7 (-2)	Ripe	18.5	4.5	3		1251	31.1	342	79	16				Light			
	2011	Mazzard			April 29 (+5)	July 10 (+1)	Ripe	16.1	4.5	3.5		1362	31.1	299	76	48		32		Light/Med			
		Gisela 5	16-Apr	22-Apr	28-Apr	10-Jul	Ripe	19.7	4	3		1643	27.7	366	0	0		29		Light/Med			
	2012	Mazzard	15-Apr	April 18 (+5)	April 23 (+3)	July 3 (-3)	Ripe	20.6	5	4.5	2.56	762	30.4	332	68	0		10		Med/Light	Medium	Firm	Good
		Gisela 5	14-Apr	16-Apr	21-Apr	3-Jul	Ripe	20.4	5.5	4		1217	29.0	372	36	0				Med/Heavy			
	2013	Mazzard	2-Apr	April 7 (+7)	April 13 (+6)	June 29 (0)	Ripe	20.9	6	5.5	2.65	1104	31.8	434	88	16		28		Med/Light			
		Gisela 5	1-Apr	4-Apr	10-Apr	27-Jun	Ripe	20.7	6	5.5		1319	31.0	420	80	0				Medium			
	2014	Mazzard	5-Apr	April 5 (0)	April 12 (+4)	June 24 (-1)	Ripe	21.4	6	5		1047	30.8	374	74	4			36	Medium	Strong	Fairly Soft	Excellent
		Gisela 5	5-Apr	7-Apr	12-Apr	24-Jun	Ripe	20.8	6	5		1209	29.6	344	36	0				Medium			
	2015	Mazzard		March 26 (+6)	March 31 (+5)	June 11 (-4)	Ripe	23	5	4.5	2.68	1317	30.1	309	60	0			10	Light	Strong	Fairly Firm	Excellent
		Gisela 5		26-Mar	31-Mar	11-Jun	Ripe	22.8	5	4.5		1348		301	0	0				Med/Heavy			
	2016	Mazzard	30-Mar	March 31 (+4)	April 8 (+6)	June 10 (-7)	Ripe	21.5	5	4	2.48	1119	30.8	365	80	0	0.73		10	Light	Strong	Firm	Good
		Gisela 5	30-Mar	2-Apr	5-Apr	10-Jun	Ripe	21.6	5.5	5		1164	29.4	351	20	0				Med/Heavy			
	2017	Mazzard	13-Apr	April 15 (+7)	April 22 (+4)	June 30 (-3)	Ripe	19.6	5.5	5	2.56	1114	28.4	322			0.81	3	3		Medium	Fairly Firm	Fair
		Gisela 5	13-Apr	15-Apr	22-Apr	27-Jun	Ripe	20.7	5	4		1135	30.4	292									
	AVG	Mazzard		5.3 Days After Bing	5.4 Days After Bing	2.2 Days Before Bing		20.6	5.2	4.4	2.6	1084.2	30.7	328.7	71.1	10.9	0.8	17.6	14.8				
Big Star																							
	2013	Gisela 6	5-Apr	April 6 (+6)	April 9 (+2)	June 25 (-4)	Ripe	18.0	6.0	5.5	2.4	921	32.5	262	96	8				Light	Fair	Fairly Soft	Good
	2014	Gisela 6	3-Apr	April 7 (+2)	April 8 (0)	24-Jun	Ripe	18.3	6	5		1016	33.0	314	100	57				Light			
	2015	Gisela 6		March 23 (+3)	March 28 (+2)	June 11 (-4)	Ripe	19.0	4.5	4	2.68	960	32.5	269	100	23.8				Light			
	2016	Gisela 6	29-Mar	April 2 (+6)	April 4 (+2)	June 10 (-7)	Ripe	20.4	4	3	2.32	1128	31.2	403	84	4	0.62		4	Light	Strong	Firm	Excellent
	2017	Gisela 6	8-Apr	April 10 (+2)	April 19 (+1)	June 27 (-6)	Ripe	19.3	5	4.5	2.24	930	32.1	255			0.79	4	14		Medium	Fairly Soft	Good
	AVG	Gisela 6		3.8 Days After Bing	1.4 Days After Bing	5.3 Days Before Bing		19.0	5.1	4.4	2.41	991.0	32.3	300.5	95.0	23.2	0.7	4.0	9.0				

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Bing																							
	2005	Mazzard	17-Mar		5-Apr	29-Jun	Ripe	20.6	5	5			29.6	263	60	0		55		Heavy	Strong	Firm	Good
		Gisela 5			3-Apr	29-Jun	Ripe	16.6	5	4			27.0	223	8	0		65		Heavy	Mild	Soft	Good
		Gisela 6			3-Apr	29-Jun	Ripe	19.1	6	5			28.4	252	56	0		55		Heavy	Strong	Firm	Good
	2006	Mazzard	7-Apr		17-Apr	6-Jul	Ripe	18.6	6	4			26.4	220	0	0				Medium	Mild	Firm	Good
		Gisela 5	6-Apr		15-Apr	6-Jul	Ripe	19.2	6	5			26.2	264	8	0				Heavy	Mild	Soft	Fair
		Gisela 6	7-Apr		16-Apr	6-Jul	Ripe	14.7	5	4			27.1	230	4	0		10		Medium	Mild	Firm	Fair
	2007	Mazzard	31-Mar		12-Apr	28-Jun	Ripe																
		Gisela 5	29-Mar		10-Apr	25-Jun	Ripe	23.3	6	6			28.8	385	44	0				Med/Heavy	Strong	Firm	Good
		Gisela 6	30-Mar		10-Apr	28-Jun	Ripe	22.3	6	6			29.8	362	52	0				Medium			
	2008	Mazzard	12-Apr		20-Apr	7-Jul	Ripe	19.5	6	4		888	29.5	290	8	0				Light			
		Gisela 5	11-Apr		17-Apr	7-Jul	Ripe	16.5	6	5		636	27.0	208	0	0				Light/Med			
		Gisela 6	11-Apr		20-Apr	7-Jul	Ripe	18.2	5	5		808	27.3	236	4	0				Light/Med			
	2009	Mazzard				6-Jul	Ripe	23.2	5	4.5		639	27.0	241						Heavy			
		Gisela 5	13-Apr	16-Apr	21-Apr	4-Jul	Ripe	19.6	5	4			765	26.5	322	12	0			Heavy			
		Gisela 6	13-Apr	16-Apr	22-Apr																		
	2010	Gisela 6	28-Mar	5-Apr	12-Apr	9-Jul	Ripe	18.8	6	6		1256	29.6	249	56	0				Light/Med			
	2011	Mazzard				13-Jul	Ripe	18.4	5	3.5		1035	28.1	354	16	0				Medium			
		Gisela 5	7-Apr	11-Apr	22-Apr	13-Jul	Ripe	17.5	4.5	3.5		948	24.1	387	0	0				Medium			
		Gisela 6	9-Apr	14-Apr	24-Apr	13-Jul	Ripe	20.1	5	3.5		1011	29.0	357	24	8				Medium			
	2012	Mazzard	11-Apr	13-Apr	20-Apr	6-Jul	Ripe	17.7	4.5	4		886	29.9	328	59	0				Medium	Strong	Firm	Good
		Gisela 5	11-Apr	13-Apr	20-Apr	3-Jul	Ripe	19.5	5	4		813	28.8	328	16	0		20		Medium			
		Gisela 6	11-Apr	13-Apr	20-Apr	6-Jul	Ripe	19.4	5	4.5		639	30.0	283	68	0		20		Medium			
	2013	Gisela 5	31-Mar	31-Mar	1-Apr	27-Jun	Ripe	16.9	6	5.5		838	29.8	297	48	0		72		Med/Light			
		Gisela 6	29-Mar	31-Mar	7-Apr	29-Jun	Ripe	16.2	6	6	2.38	1162	31.1	254	85	4				Medium	Medium	Fairly Soft	Good
	2014	Gisela 5	1-Apr	5-Apr	8-Apr	23-Jun	Ripe	18.7	6	5.5		1037	29.6	315	64	0				Med/Heavy			
		Gisela 6	1-Apr	5-Apr	8-Apr	23-Jun	Ripe	18.5	6	5.5		870	28.7	283	24	0			16	Medium	Medium	Fairly Soft	Good
	2015	Gisela 6		20-Mar	26-Mar	15-Jun	Ripe	19.7	6	5	2.76	758	28.8	312	12	0			8	Medium	Medium	Medium	Good
	2016	Gisela 6	23-Mar	27-Mar	2-Apr	17-Jun	Ripe	18.1	4.5	4	2.68	993	29.0	346	4	0	0.58	40	10	Med/Heavy	Medium	Fairly Firm	Good
	2017	Gisela 6	6-Apr	8-Apr	18-Apr	3-Jul	Ripe	19.4	6	5	2.64	530	26.7	247			0.77						
	AVG	Gisela 6						18.7	5.5	5.0	2.6	891.8	28.8	284.2	35.4	1.1	0.7	31.3	11.3				
Black Pearl																							
	2012	Gisela 12	12-Apr	April 13 (0)	April 18 (-2)	June 29 (-7)	Ripe	19.6	6	5	2.4	1132	32.0	412	96	4		8		Light	Medium	Firm	Excellent
	2013	Gisela 12	30-Mar	March 31 (0)	April 4 (-3)	June 23 (-6)	Ripe	17.2	7	6.5	2.12	943	27.5	310	16	0		13		Heavy	Mild	Fairly Firm	Fair
	2014	Gisela 12	2-Apr	April 3 (-2)	April 8 (0)	June 15 (-8)	Ripe	17.8	6.5	6		1333	30.6	371	68	4			10	Heavy	Mild	Fairly Soft	Fair
	2015	Gisela 12		March 19 (-1)	March 27 (+1)	June 8 (-7)	Ripe	18.9	6.5	6	2.52	1033	32.6	366	100	24			6	Med/Heavy	Medium	Fairly Firm	Excellent
	2016	Gisela 12	26-Mar	March 29 (+2)	April 2 (0)	June 4 (-13)	Ripe	17.5	4	4	2.44	1048	29.2	392	40	0	0.48		6	Heavy	Medium	Fairly Firm	Good
	2017	Gisela 12	8-Apr	April 11 (+3)	April 17 (-1)	June 23 (-10)	Ripe	17.9	6.5	5.5	2.52	754	29.1	370			0.64	0	0		Medium	Firm	Good
	AVG	Gisela 12		0.3 Days After Bing	0.8 Days Before Bing	8.5 Days Before Bing		18.15	6.1	5.5	2.40	1040.49	30.16	370.01	64.00	6.40	0.56	7.00	5.50				
Black Star																							
	2012	Gisela 6	13-Apr	April 15 (+2)	April 18 (-2)	July 9 (+3)	Ripe	21.2	6	5.5	2.32	504	30.1	252	64	0				Light			
	2013	Gisela 6	1-Apr	April 2 (+2)	April 6 (-1)	July 1 (+2)	Ripe	18	6	5.5	2.16	893	30.5	241	72	4		12		Medium			
	2014	Gisela 6		April 8 (+3)	April 10 (+2)	June 24 (+1)	Ripe	20.8	6	6		904	30.8	322	71	0			18	Heavy	Mild	Fairly Firm	Fair
	2015	Gisela 6		March 23 (+3)	March 29 (+3)	June 11 (-4)	Ripe	17.5	5.5	4.5	2.72	1114	30.5	286	68	4			4	Medium			
	2016	Gisela 6	23-Mar	March 28 (+1)	April 4 (+2)	June 10 (-7)	Ripe	17.7	5	4	2.6	1076	30.5	334	68	0	0.43	8	4	Medium			
	2017	Gisela 6	8-Apr	April 10 (+2)	April 18 (0)	July 3 (0)	Ripe	17.3	6.5	5.5	2.76	773	29.0	273			0.56	0					
	AVG	Gisela 6		2.2 Days After Bing	0.7 Days After Bing	0.8 Days Before Bing		18.75	5.8	5.2	2.51	877.35	30.24	284.53	68.60	1.60	0.50	10.00	6.50				
Blaze Star																							
	2012	Gisela 6	12-Apr	April 16 (+3)	April 17 (-3)	June 27 (-9)	Ripe	18.3	4	3	2.48	782	28.6	269	20	0				Light	Medium	Soft	Fair

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Burgundy Pearl																							
	2012	Gisela 12				July 3 (-3)	Ripe	18.6	5.5	5	2.6	766	32.0	348	92	12				Light	Medium	Firm	Good
	2013	Gisela 12	26-Mar	March 30 (-1)	April 2 (-5)	June 23 (-6)	Ripe	17.8	6	6	2.64	909	31.4	353	92	0				Heavy	Mild/Med	Soft	Fair
	2014	Gisela 12	1-Apr	April 5 (0)	April 8 (0)	June 19 (-4)	Ripe	18.6	5.5	5		1030	30.7	381	76	0			38	Heavy			
	2015	Gisela 12		March 20 (0)	March 27 (+1)	June 10 (-5)	Ripe	20.1	6	5.5	2.76	929	30.6	353	68	4			8	Medium	Mild	Fairly Firm	Good
	2016	Gisela 12	20-Mar	March 27 (0)	April 2 (0)	June 17 (0)	Ripe	17.5	6	5.5	2.68	963	28.2	414	8	0	0.33	6	6	Med/Heavy	Mild	Fairly Firm	Fair
	2017	Gisela 12	6-Apr	April 10 (-2)	April 15 (-3)	June 27 (-5)	Ripe	20.5	5.5	5	2.76	793	28.1	350			0.6	8	4		Mild	Firm	Fair
	AVG	Gisela 12		0.2 Days After Bing	1.4 Day Before Bing	3.8 Days Before Bing		18.85	5.8	5.3	2.69	898.33	30.16	366.43	67.20	3.20	0.47	7.00	14.00				
Chelan #																							
	2005	Mazzard #				14-Jun	Ripe	20.4	6	5		491	28.1	511	16	0					Strong	Firm	Excellent
	2006	Mazzard #				17-Jun	Ripe	17	6	5			25.9	306	0	0					Mild	Firm	Good
	2007	Mazzard #	24-Mar			15-Jun	Ripe	20	6	5			30.8	461	28	0				Light			
	2008	Mazzard #				24-Jun	Ripe	17.5	5	4			27.0	327	4	0							
	2009	Mazzard #	9-Apr	17-Apr	20-Apr	22-Jun	Ripe	19.5	5	5		452	25.9	304						Heavy			
	2011	Mazzard #			23-Apr	27-Jun	Ripe	18.3	5	3.5		1125	25.5	337	0	0				Medium			
	2012	Mazzard #	6-Apr	9-Apr	18-Apr	19-Jun	Ripe	17.7	5	5		1374	27.5	300	8	0				Medium			
	2013	Mazzard #	22-Mar	30-Mar	5-Apr	13-Jun	Ripe	21.3	6	6		846	26.6	242	0	0							
	2014	Mazzard #	1-Apr	3-Apr	9-Apr	10-Jun	Ripe	19.5	6	6		1054	28.5	298	8	0				Medium			
	2015	Mazzard #		14-Mar	26-Mar	1-Jun	Ripe	20.7	6	5.5		1271	29.8	317	48	0							
	2016	Mazzard #	23-Mar	28-Mar	2-Apr	3-Jun	Ripe	17.5	6	5.5		704	28.8	293	16	0							
	2017	Mazzard #	4-Apr	8-Apr	13-Apr	20-Jun	Ripe	16.4	6	5.5		691	27.0	301									
	AVG	Mazzard #						18.8	5.7	5.1		889.8	27.6	333.2	12.8	0.0							
Coral Champagne																							
	2016	Mazzard	30-Mar	1-Apr	2-Apr	10-Jun	Ripe	22.8	6	5		567	29.9	291.1	13.3	0				Light			
	2017	Mazzard	13-Apr	April 14 (+6)	April 18 (0)	June 30 (-3)	Ripe	17.3	5.5	5	2.52	898	30.6	321			0.89						
	AVG	Mazzard		6 Days After Bing	0 Days Before Bing	3 Days Before Bing		20.05	5.75	5	2.52	732.5	30.25	306.05	13.3	0	0.89						
Cowiche																							
	2009	Gisela 6	18-Apr	April 20 (+4)	April 21 (-1)	July 13 (+9)	Ripe	27.7	6	6		1723	33.1	259	87	15		33		Heavy			
	2010	Gisela 6	8-Apr	April 13 (+8)	April 19 (+7)	July 17 (+8)	Ripe	22.2	6	5		1452	34.0	313	100	44				Light			
	2011	Gisela 6	16-Apr	April 19 (+5)	April 30 (+6)	July 17 (+4)	Ripe	18.1	5.5	4.5		1451	31.5	406	80	60				Light/Med			
	2012	Gisela 6	13-Apr	April 18 (+5)	April 24 (+4)	July 13 (+7)	Ripe	22.1	6	5	2.6	1348	32.3	246	100	16		21		Medium	Medium	Firm	Good
	2013	Gisela 6	31-Mar	April 4 (+4)	April 10 (+3)	July 6 (+7)	Ripe	21	6.5	6	2.4	1433	30.5	264	76	4		51		Heavy	Medium	Firm	Good
	2014	Gisela 6	5-Apr	April 7 (+2)	April 14 (+6)	6-Jul	Ripe	20.7	7	6.5		1217	32.8	320	95	40			30	Heavy	Strong	Fairly Soft	Good
	2015	Gisela 6		March 22 (+2)	April 1 (+6)	June 15 (0)	Ripe	19.5	6	5	2.88	1263	32.4	329	100	13			20	Med/Heavy	Medium	Fairly Soft	Fair
	2016	Gisela 6	31-Mar	April 2 (+6)	April 8 (+6)	June 17 (0)	Ripe	23.2	6	5.5	2.76	1330	33.2	410	100	57	0.77	36		Med/Heavy	Strong	Fairly Firm	Good
	2017	Gisela 6	13-Apr	April 16 (+8)	April 24 (+6)	July 6 (3)	Ripe	19.4	6	5.5		1018	28.7	292									
	AVG	Gisela 6		4.9 Days After Bing	4.8 Days After Bing	4.8 Days After Bing		21.5	6.1	5.4	2.7	1359.5	32.0	315.5	92.3	31.1	0.8	35.3	25.0				
Cristalina																							
	2005	Mazzard	21-Mar		April 7 (+4)	June 29 (0)	Ripe	17.5	6	5			32.2	280	96	16		10		Medium	Mild	Firm	Good
	2006	Mazzard	11-Apr		April 19 (+3)	June 30 (-6)	Ripe	15.5	6	5			29.2	267	44	0				Medium	Mild	Medium	Good
	2007	Mazzard	1-Apr		April 12 (+2)	June 25 (-3)	Ripe	18.2	6	6			31.9	428	84	50				Very Light	Mild	Firm	Good
	2008	Mazzard	15-Apr	19-Apr	April 22 (+2)	July 4 (-3)	Ripe	18.4	6	6		811	30.2	415	60	0				Med/Heavy			
	2009	Mazzard	15-Apr	April 19 (+3)	April 22 (0)	17-Jul	Ripe	22.1	7	7		572	31.7	263	92	16				Med/Heavy			
	2010	Mazzard	30-Mar	April 6 (+1)	April 16 (+4)	30-Jun	Ripe	16.5	4.5	3		968	31.6	285	96	9		20		Light/Med			
	2011	Mazzard	14-Apr	April 20 (+6)	May 1 (+7)	July 7 (-6)	Ripe	17.1	5	4		853	29.8	292	52	8				Light/Med			
	2012	Mazzard	13-Apr	April 17 (+4)	April 24 (+4)	July 3 (-3)	Ripe	20.1	5.5	4.5		839	31.7	334	92	12		20		Light	Medium	Firm	Good
	2013	Mazzard	1-Apr	April 5 (+5)	April 13 (+6)	June 29 (0)	Ripe	17.5	6.5	6	2.12	803	32.4	359	100	20				Light/Med	Mild	Fairly Firm	Good
	2014	Mazzard	5-Apr	April 8 (+3)	April 14 (+6)	June 24 (+1)	Ripe	18.9	7	6.5		768	32.1	329	96	24			0	Medium	Mild	Soft	Fair

Lynn E. Long, David Crawford, Pamela Manning														Firmness	Row Size						Informal Evaluation		
Variety	Year	Rootstock	First Bloom	5% Bloom	Full Bloom	Harvest Date	Ripeness Status	Total Soluble Solids(%)	CTIFL Color Skin	CTIFL Color Flesh	Pitting Rating (1=Good, 4=Bad)	Stem Pull (g)	Fruit Dia. (mm)	Average (g/mm)	% 9-row +	% 8-row +	Titratable Acidity (%)	% Natural Crack	% Crack 2 hour soak	Crop Size	Taste (Mild/Strong)	Texture (Soft/Firm)	Overall Evaluation (Poor-Excellent)
Early Robin																							
	2005	Gisela 5	18-Mar		April 4 (+1)	14-Jun	Ripe	16.8	Blush			560	28.7	307	40	0				Medium	Mild	Firm	Good
	2006	Gisela 5	6-Apr		April 12 (-4)	June 25 (-17)	Ripe	14.7	Blush				25.6	246	4	0		8		Medium	Mild	Medium	Fair
	2007	Gisela 5	29-Mar		April 10 (0)	June 18 (-14)	Ripe	17.1	Blush				31.3	389	92	14				Medium	Mild	Firm	Fair
	2008	Gisela 5	8-Apr		April 15 (-5)	June 30 (-14)	Ripe	17.1	Blush			1015	27.3	268	8	0				Medium	Mild	Medium	Good
	2009	Gisela 5	13-Apr		April 20 (-2)	June 27 (-13)	Ripe	15.5	Blush			901	27.8	293	0	0				Heavy			
	2010	Gisela 5	30-Mar	April 2 (-3)	April 13 (+1)	June 26 (-13)	Ripe	19.1	Blush			1281	31.0	309	72	8				Light			
	2011	Gisela 5	8-Apr	April 12 (-2)	April 23 (-1)	July 3 (-17)	Ripe	20.1	Blush			1450	29.9	351	52	12				Light			
	2012	Gisela 5	11-Apr	April 13 (0)	April 19 (-1)	June 25 (-14)	Ripe	16.1	Blush			1126	28.6	286	36	0		20		Med/Heavy	Mild	Soft	Fair
	2013	Gisela 5	30-Mar	April 2 (+2)	April 4 (-3)	June 21 (-10)	Ripe	20.2	Blush		2.48	957	32.0	381	96	20		38		Med/Heavy	Medium	Firm	Good
	2014	Gisela 5	4-Apr	April 5 (0)	April 8 (0)	June 15 (-14)	Ripe	20.1	Blush			1124	31.5	405	79	0			54	Med/Heavy	Medium	Fairly Firm	Excellent
	2015	Gisela 5		March 21 (+1)	March 27 (+1)	June 8 (-7)	Ripe	20.2	Blush		2.96	835	31.7	407	87	4.3			20	Med/Heavy			
	2016	Gisela 5	26-Mar	March 30 (+3)	April 4 (+2)	June 4 (-14)	Ripe	20.2	Blush		2.68	1031	31.9	415	95.5	4.5	0.46		8	Med/Heavy	Medium	Firm	Excellent
	2017	Gisela 5	4-Apr	April 8 (0)	April 18 (0)	June 23 (-10)	Ripe	20	Blush		2.44	962	31.0	430			0.68	34	8		Medium	Firm	Good
	AVG	Gisela 5		0.1 Days After Bing	0.9 Days Before Bing	13.1 Days Before Rainier		18.2			2.64	1022.0	29.9	345.1	55.1	5.2	0.6	25.0	22.5				
Early Star																							
	2013	Gisela 6	1-Apr	April 2 (+2)	April 7 (0)	June 14 (-15)	Ripe	17.6	6	6		835	32.5	255	86	43				Light			
	2014	Gisela 6	5-Apr	April 7 (+2)	April 10 (+2)	June 10 (-13)	Ripe	17.2	6	6		1109	32.1	240	100	25				Light			
	2015	Gisela 6		March 26 (+6)	March 31 (+5)	June 1 (-14)	Ripe	15.1	5.5	5		784	31.9	243	90.9	22.7				Light			
	2016	Gisela 6	28-Mar	April 1 (+5)	April 3 (+1)	June 1 (-16)	Ripe	16.9	5.5	5.5		1212	32.3	296	100	14.3							
	2017	Gisela 6	6-Apr	April 10 (+2)	April 18 (0)	June 16 (-17)	Ripe	15.1	6	5		847	31.8	272									
	AVG	Gisela 6		3.4 Days After Bing	1.6 Days After Bing	15 Days Before Bing		16.4	5.8	5.5		957.5	32.1	261.3	94.2	26.3				Light	Mild	Fairly Soft	Fair
Ebony Pearl																							
	2012	Gisela 6	13-Apr	April 14 (+1)	April 19 (-1)	9-Jul	OverRipe	23.5	6	6	2.32	861	31.5	220	92	4							
	2013	Gisela 6	30-Mar	April 1 (+1)	April 7 (0)	July 1 (+2)	Ripe	17.8	6	6	3.08	1204	32.1	268	84	28		35		Medium			
	2014	Gisela 6	3-Apr	April 4 (+1)	April 9 (+1)	June 24 (+1)	Ripe	21.7	6	6		1208	32.0	322	100	10				Light			
	2015	Gisela 6		March 24 (+4)	March 29 (+3)	June 15 (0)	Ripe	17.7	6	5	2.64	1205	32.5	360	100	15.4			10	Med/Light	Medium	Fairly Firm	Good
	2016	Gisela 6	27-Mar	March 31 (+4)	April 4 (+2)	June 17 (0)	Ripe	20.1	5.5	5	2.52	1222	30.9	350	86	0	0.41	8	4	Medium	Medium	Firm	Good
	2017	Gisela 6	6-Apr	April 8 (0)	April 17 (-1)	June 30 (-3)	Ripe	19.5	5	4	2.52	1418	31.7	415			0.58		12				
	AVG	Gisela 6		1.5 Days After Bing	0.7 Day After Bing	0 Days Before Bing		19.4	5.7	5.2	2.7	1251.3	31.8	343.1	92.5	13.4	0.5	21.5	8.7				
Kiona																							
	2006	Gisela 6	6-Apr		22-Apr	30-Jun	Ripe	14.9	5	5			26.8	178	0	0				Heavy	Mild	Soft	
	2007	Gisela 6	7-Apr		12-Apr	NO FRUIT																	
	2008	Gisela 6	18-Apr		27-Apr	30-Jun	Ripe	19.2	6	5		1880	30.0	214	8	0				Very Light			
	2009	Gisela 6	20-Apr	21-Apr	25-Apr	23-Jun	Ripe	14.5	3	2		1101	28.4	303	5	0		25		Med/Heavy			
		Gisela 6	20-Apr	21-Apr	25-Apr	27-Jun	Ripe	17.7	6	5		953	30.7	283	72	2		55		Med/Heavy			
	2010	Gisela 6 (2002)	12-Apr	14-Apr	17-Apr	25-Jun	Ripe	17.5	3.5	3		1281	28.7	247	24	0				Light			
		Gisela 6 (2006)	14-Apr	April 15 (+10)	April 18 (+6)	June 27 (-12)	Ripe	19.2	5	5		1409	29.6	299	40	0		25		Light			
	2011	Gisela 6 (2002)	19-Apr	23-Apr	30-Apr	5-Jul	Ripe	15.5	5	4		903	27.7	244	12	0				Light/Med			
		Gisela 6 (2006)	19-Apr	April 23 (+9)	April 30 (+6)	July 7 (-6)	Ripe	15.6	4	3.5		1002	27.6	215	8	0				Light/Med			
	2012	Gisela 6 (2002)	13-Apr	19-Apr	23-Apr	27-Jun	Ripe	16.9	4	3		964	29.1	290	20	0		14		Med/Heavy			
		Gisela 6 (2006)	16-Apr	April 19 (+6)	April 23 (+3)	June 27 (-9)	Ripe	16	4	2.5		800	29.9	261	60	0				Med/Heavy	Medium	Soft	Good
	2013	Gisela 6 (2002)	1-Apr	6-Apr	16-Apr	19-Jun	Ripe	17.4	5.5	5.5		913	29.6	280	44	0				Medium			
		Gisela 6 (2006)	1-Apr	April 6 (+6)	April 17 (+10)	June 19 (-10)	Ripe	18.8	5.5	5.5	2.24	1048	31.3	324	88	8		38		Medium	Medium	Fairly Firm	Good
	2014	Gisela 6 (2006)	7-Apr	April 8 (+3)	April 12 (+4)	June 15 (-8)	Ripe	19	6	5.5		972	32.2	330	100	12			82	Med/Heavy	Strong	Fairly Soft	Excellent
	2015	Gisela 6 (2006)		March 28 (+8)	April 4 (+9)	June 5 (-10)	Ripe	16.6	5	4.5		941	31.1	329	91.7	0			28	Medium			
	2016	Gisela 6 (2006)	2-Apr	April 4 (+8)	April 10 (+8)	June 4 (-13)	Ripe	17.6	4	3.5	2.56	1242	30.6	433	84	0			20	Med/Heavy			
	2017	Gisela 6 (2006)	13-Apr	April 14 (+6)	April 29 (+11)	June 27 (-6)	Ripe	16.8	5.5	5	2.76	917	30.0	218			0.75	9	24		Mild	Soft	Fair
	AVG	Gisela 6 (2006)		7 Days After Bing	7.1 Days After Bing	9.3 Days Before Bing		17.45	4.88	4.38	2.52	1041.31	30.28	301.16	67.39	2.86		24.00	38.50				

Lynn E. Long, David Crawford, Pamela Manning														Firmness	Row Size						Informal Evaluation			
Variety	Year	Rootstock	First Bloom	5% Bloom	Full Bloom	Harvest Date	Ripeness Status	Total Soluble Solids(%)	CTIFL Color Skin	CTIFL Color Flesh	Pitting Rating (1=Good, 4=Bad)	Stem Pull (g)	Fruit Dia. (mm)	Average (g/mm)	% 9-row +	% 8-row +	Titratable Acidity (%)	% Natural Crack	% Crack 2 hour soak	Crop Size	Taste (Mild/Strong)	Texture (Soft/Firm)	Overall Evaluation (Poor-Excellent)	
Rainier																								
	2005	Gisela 7	19-Mar		April 4 (+1)	7-Jul	Ripe	19.6	Blush				31.5	218	80	24			90		Heavy	Mild	Soft	Good
	2006	Gisela 7	7-Apr		April 18 (+2)	12-Jul	Ripe	18.3	Blush				30.0	309	62	6			27		Heavy	Strong	Firm	Good
	2007	Gisela 7	1-Apr		April 11 (+1)	2-Jul	Ripe	23.5	Blush				31.8	405	88	32					Medium	Mild	Firm	Good
	2008	Gisela 7	11-Apr		April 17 (-3)	13-Jul	Ripe	20.9	Blush			947	30.3	243	28	4			16		Light/Med			
	2009	Gisela 7	14-Apr		April 16 (0)	10-Jul	Ripe	20.5	Blush			1029	28.5	281	28	0					Heavy			
	2010	Gisela 7	30-Mar		April 7 (+2)	9-Jul	Ripe	19.4	Blush			1347	31.4	264	80	4			35		Light/Med			
	2011	Gisela 7	10-Apr		April 15 (+1)	20-Jul	Ripe	18	Blush			1350	30.4	321	68	36			42		Medium			
	2012	Gisela 7	12-Apr		April 13 (0)	9-Jul	Ripe	19.5	Blush			634	30.2	241	52	4			51		Heavy/Med	Medium	Firm	Fair
	2013	Gisela 7	30-Mar		April 1 (+1)	1-Jul	Ripe	18.5	Blush		2.84	754	32.8	244	100	31			57		Heavy			
	2014	Gisela 7	2-Apr		April 3 (-2)	29-Jun	Ripe	20.9	Blush			1302	32.9	390	100	40				22	Heavy	Medium	Fairly Firm	Good
	2015	Gisela 7			March 21 (+1)	15-Jun	Ripe	22.6	Blush		2.52	1155	32.0	308	95.8	16.7			10	Med/Heavy	Mild	Fairly Firm	Good	
	2016	Gisela 7	28-Mar		March 31 (+4)	17-Jun	Ripe	20.7	Blush		2.24	1177	31.6	365	96	8	0.37	55	30	Heavy	Medium	Fairly Firm	Good	
	2017	Gisela 7	6-Apr		April 10 (+2)	3-Jul	Ripe	16.4	Blush		2.52	723	27.6	274			0.58		28					
	AVG	Gisela 7			1 Day After Bing	0.5 Days After Bing		19.9			2.53	1041.9	30.8	297.1	73.2	17.1	0.5	46.0	22.5					
Regina																								
	2005	Mazzard	31-Mar		April 17 (+14)	19-Jul	Ripe	21	6	6			30.5	303	68	0					Medium	Strong	Firm	Excellent
	2006	Mazzard	16-Apr		April 24 (+8)	July 17 (+11)	Ripe	17.2	6	5			28.5	264	36	0					Med/Light	Mild	Firm	Good
	2007	Mazzard	1-Apr		April 11 (+1)	July 2 (+4)	Ripe	23.5					31.8	405	88	32					Medium	Mild	Firm	Good
	2008	Mazzard	24-Apr		May 2 (+12)	July 23 (+16)	Ripe	18.9	6	6			29.8	285	44	4					Light			
	2009	Mazzard	20-Apr		April 21 (+5)	July 17 (+13)	Ripe	18.9	6	5			30.0	271	64	0					Med/Heavy			
	2010#	Gisela 6	14-Apr		15-Apr	20-Apr	Ripe	20.7	5	3.5			1332	29.6	291	41	0				Med/Light			
	2011	Mazzard	23-Apr		April 25 (+11)	July 22 (+9)	Ripe	17	5	4			1388	30.3	312	64	20		20		Medium			
		Gisela 6	22-Apr		24-Apr	4-May	Ripe	18.9	5.5	4.5			1696	30.6	356	76	28		24		Medium			
	2012	Mazzard	18-Apr		April 22 (+9)	July 17 (+11)	Ripe	19.8	6	5			1435	31.2	266	88	12				Light			
		Gisela 6	18-Apr		22-Apr	25-Apr	Ripe	19.6	5.5	5			1068	31.0	302	84	8		10		Medium	Medium	Firm	Excellent
	2013	Mazzard	10-Apr		April 11 (+11)	July 11 (+12)	Ripe	16.8	6	5	2.73	1360	29.8	259	44	0					Med/Heavy	Mild/Med	Fairly Firm	Fair/Good
		Gisela 6	10-Apr		11-Apr	21-Apr	Ripe	17.1	6	5			1315	30.0	253	52	0				Medium			
	2014	Mazzard	10-Apr		April 12 (+7)	July 6 (+13)	Ripe	20.5	6.5	6			941	31.6	315	96	4			6	Med/Light			
		Gisela 6			12-Apr	20-Apr	Ripe	20	6.5	6			1139	33.1	313	92	42				Med/Light	Strong	Fairly Firm	Good
	2015	Mazzard			March 30 (+10)	June 26 (+11)	Ripe	19.3	6	5	2.6	1091	31.2	395	75	16.7				4	Medium			
		Gisela 6				26-Jun	Ripe	22.7	6.5	5.5			1132	30.5	388	56.5	4.3				Med/Light			
	2016	Mazzard	3-Apr		April 4 (+8)	June 30 (+13)	Ripe	20.8	6	5	2.4	933	32.3	391	100	14.3	0.5	14	6	Medium	Medium	Fairly Firm	Good	
		Gisela 6			4-Apr	30-Jun	Ripe	21.3	6	6			1316	33.2	393	100	45.5				Med/Light			
	2017	Mazzard	18-Apr		April 22 (+14)	July 13 (+10)	Ripe	17.7	6	5.5	2.4	1110	29.8	324			0.61							
		Gisela 6	18-Apr		22-Apr	13-Jul	Ripe	19.8	6	5.5			1032	29.1	354									
	AVG	Mazzard			9.4 Days After Bing	9.8 Days After Bing		19.28	5.95	5.23	2.53	1179.64	30.56	315.86	69.73	9.36	0.56	17.00	5.33					
Riker RR2a																								
	2013	Krymsk 5	1-Apr		April 4 (+4)	July 25 (+26)	Ripe	21.5	6	4			669	30.4	282.8	68	0				Light	Strong	Firm	Excellent
	2014	Krymsk 5	4-Apr		April 5 (0)	July 17 (+24)	Ripe	19.7	6	5	3.16	1185	31.8	354.4	100	0			2	Medium	Medium	Firm	Good	
	2015	Krymsk 5			March 26 (+6)	July 6 (+21)	Ripe	22.5	6	5			855	30.5	315.6	76	0				Med/Light	Medium	Firm	Good
	2016	Krymsk 5	29-Mar		April 2 (+6)	July 22 (+35)	Ripe	21.5	6	6	2.56	1039	31.1	477.8	92	0	0.43	6	6	Med/Light	Medium	Fairly Firm	Good	
	2017	Krymsk 5	13-Apr		April 14 (+6)	August 1 (+29)	Ripe	20.3	6	6			894	30.6	366.0		0.95		6					
	AVG	Krymsk 5			4.4 Days After Bing	4.2 Days After Bing		21.1	5.9	5.0	2.9	928.4	30.9	359.3	84.0	0.0	0.7	6.0	4.7					
Royal Edie																								
	2011	Z Stem	15-Apr		April 24 (+10)	July 25 (+12)	Ripe	23.1	6	5.5			1519	31.3	399	84	56				Light			
	2012	Z Stem	13-Apr		April 15 (+2)	July 23 (+17)	Ripe	22.3	5	5	2.44	1339	30.7	359	80	4					Light/Med			
	2013	Z Stem	30-Mar		March 31 (0)	July 13 (+14)	Ripe	16.9	6	5.5	2.84	1342	30.7	275	67	17		84		Heavy	Medium	Fairly Firm	Good/Fair	
	2014	Z Stem	3-Apr		April 6 (+1)	July 6 (+13)	Ripe	23.5	5.5	5	2.77	1169	32.7	374	92	23			16	Heavy	Strong	Firm	Excellent	

	2009	Maxima 14	19-Apr	April 20 (+4)	April 21 (-1)	July 9 (+5)	Ripe	25.3	5	4		468	29.5	369	52	4			Med/Heavy				
	2010	Maxima 14	7-Apr	April 11 (+6)	April 17 (+5)	July 16 (+7)	Ripe	22.6	4	3		835	29.4	388	60	0	11		Med/Light				
	2011	Maxima 14	18-Apr	April 20 (+6)	April 30 (+6)	26-Jul	Ripe	20.1	5	4.5		583	30.9	361	76	40	56		Med/Light				
		Mazzard	17-Apr	20-Apr	27-Apr	22-Jul	Ripe	21.5	5.5	4		797	30.8	405	76.9	38.5	32		Medium				
	2012	Maxima 14	13-Apr	April 14 (+1)	April 23 (+3)	17-Jul	Ripe	18.9	4.5	3.5		315	31.3	331	92	0	24		Heavy				
		Mazzard	13-Apr	16-Apr	22-Apr	17-Jul	Ripe	20.2	5	4		620	31.1	331	84	0			Heavy/Med				
	2013	Maxima 14	31-Mar	April 3 (+3)	April 12 (+5)	July 6 (+7)	Ripe	17.8	6	5.5	2.56	515	30.4	255	68	4	66		Heavy/Med	Medium	Fairly Firm	Good	
		Mazzard	31-Mar	2-Apr	9-Apr	6-Jul	Ripe	20.2	6	5		538	31.7	309	100	0			Heavy/Med				
	2014	Maxima 14	5-Apr	April 7 (+2)	April 13 (+5)	July 2 (+9)	Ripe	19	6	5.5		516	32.1	326	100	6		38	Med/Heavy	Strong	Firm	Excellent	
		Mazzard	5-Apr	7-Apr	13-Apr	2-Jul	Ripe	19	6	5		615	32.5	309	100	17			Medium				
	2015	Maxima 14		March 26 (+6)	April 1 (+6)	June 18 (+3)	Ripe	21.1	6	5.5	2.68	701	32.4	432	100	31.8		18	Medium				
		Mazzard		20-Mar	28-Mar	18-Jun	Ripe	19	5.5	5		809	32.9	393	92.3	38.5			Medium				
	2016	Maxima 14	31-Mar	April 1 (+5)	April 3 (+1)	June 23 (+6)	Ripe	20.2	4.5	4	2.52	655	33.2	425	100	54.5			Medium				
	2017	Maxima 14	13-Apr	April 16 (+8)	April 23 (+5)	July 6 (+3)	Ripe	16.3	6	5	2.68	532	30.0	331			34	14					
	AVG	Maxima 14		4.6 Days After Bing	4.2 Days After Bing	5.7 Days After Bing		20.2	5.2	4.6	2.6	545.8	31.1	353.8	78.7	15.7		38.2	23.3				

Lynn E. Long, David Crawford, Pamela Manning													Firmness	Row Size						Informal Evaluation			
Variety	Year	Rootstock	First Bloom	5% Bloom	Full Bloom	Harvest Date	Ripeness Status	Total Soluble Solids(%)	CTIFL Color Skin	CTIFL Color Flesh	Pitting Rating (1=Good, 4=Bad)	Stem Pull (g)	Fruit Dia. (mm)	Average (g/mm)	% 9-row +	% 8-row +	Titrateable Acidity (%)	% Natural Crack	% Crack 2 hour soak	Crop Size	Taste (Mild/Strong)	Texture (Soft/Firm)	Overall Evaluation (Poor-Excellent)
Sentennial (SPC 103)																							
	2006	Gisela 6	6-Apr		April 16 (0)	14-Aug	Ripe	23.7	6	4			26.7	315	0	0				Light	Mild	Firm	Good
	2007	Gisela 6	5-Apr		April 12 (+2)	6-Aug	Ripe	26.4	6	5			30.3	473	62	0				Very Light			
	2008	Gisela 6	7-Apr		April 13 (-7)	Aug 11 (+35)	Ripe	18.9	5	5		531	28.2	433	24	0				Very Light	Mild	Firm	Good
	2009	Gisela 6	13-Apr	April 15 (-1)	April 20 (-2)	Aug 7 (+34)	Ripe	19.7	6	5		499	28.6	346	16	0				Heavy			
	2010	Gisela 6	22-Mar	March 31 (-5)	April 16 (+4)	Aug 4 (+26)	Ripe	21	4.5	4		654	29.3	430	48	0				Medium			
	2011	Gisela 6	7-Apr		April 14 (0)	Aug 9 (+27)	Ripe	20.2	5.5	4.5		583	30.9	392	68	44		19		Medium			
	2012	Gisela 6		April 12 (-1)	April 20 (0)	Aug 3 (+28)	Ripe	19.7	5	5		558	28.8	464	20	0		15		Heavy/Med	Medium	Firm	Good
	2013	Gisela 6	28-Mar	March 30 (-1)	April 5 (-2)	July 22 (+23)	Ripe	20.8	6	5.5	2.28	787	29.8	397	60	0		35		Heavy	Medium	Firm	Good/Fair
	2014	Gisela 6	3-Apr	April 5 (0)	April 8 (0)	July 19 (+26)	Ripe	21.1	6	5		837	32.1	383	96	13			0	Med/Heavy	Medium	Firm	Good
	2015	Gisela 6		March 19 (-1)	March 29 (+3)	July 6 (+21)	Ripe	22.9	6	5	2.84	891	30.2	328	68	0			2	Med/Heavy	Medium	Firm	Good
	2016	Gisela 6	23-Mar	March 27 (0)	April 2 (0)	July 22 (+35)	Ripe	21.1	6	5.5		654	30.0	487	60	0	0.56	7	2	Heavy	Mild	Firm	Good
	2017	Gisela 6	7-Apr	April 10 (+2)	April 17 (-1)	August 3 (+30)	Ripe	21.1	6	5.5		635	30.3	376			0.83		0				
	AVG	Gisela 6		0.8 Days Before Bing	0.3 Days Before Bing	28.5 Days After Bing		20.7	5.6	5.0	2.6	662.9	29.8	403.6	51.1	6.3	0.7	19.0	1.0				
Skeena																							
	2005	Mazzard			April 8 (+5)	July 13 (+14)		17.7	5	5			32.1	333	100	8		50		Light	Strong	Firm	Good
	2006	Mazzard	12-Apr		April 24 (+8)	July 19 (+13)	Ripe	19.3	6	6			31.9	318	92	20		40		Light	Strong	Firm	
		Gisela 6	12-Apr		19-Apr	17-Jul	Ripe	18.8	6	5			32.2	315	90	22		28		Medium	Strong	Firm	Good
	2007	Mazzard	1-Apr		April 12 (+2)	July 10 (+12)	Ripe	16.9	6	5			27.3	325	8	0				Heavy	Strong	Firm	
		Gisela 6	5-Apr		12-Apr	13-Jul	Ripe	17	6	6			32.3	407	100	26				Medium	Mild	Firm	Good
	2008	Mazzard	19-Apr		April 25 (+5)	July 2 (-5)	Ripe	18.3	5	5			29.6	410	56	0				Medium	Mild	Firm	Good
		Gisela 6	17-Apr		27-Apr	21-Jul	Ripe	17.5	5	5		1090	31.3	358	48	4				Med/Light	Medium	Firm	Good
	2009	Mazzard	17-Apr	April 19 (+3)	April 25 (+3)	July 14 (+10)	Ripe	18.9	6	6		905	29.7	324	20	0				Med/Light	Mild	Firm	Good
		Gisela 6	16-Apr	18-Apr	24-Apr	18-Jul	Ripe	17.1	5	5		802	32.3	325	100	24				Med/Heavy			
	2010	Mazzard	5-Apr	April 9 (+4)	April 18 (+6)	July 18 (+9)	Ripe	15.2	4.5	5		1172	31.5	363	88	12		15		Light			Good
		Gisela 6	8-Apr	12-Apr	16-Apr	12-Jul	Ripe	23.3	5	4		1113	29.8	373	56	0		25		Light			
	2011	Mazzard	15-Apr	April 20 (+6)	April 28 (+4)	July 25 (+12)	Ripe	16.8	5.5	5		1275	32.3	452	100	72		65		Medium			
	2012	Mazzard	14-Apr	April 16 (+3)	April 22 (+2)	July 22 (+16)	Ripe	16.7	5.5	5		780	32.1	308	100	16		25		Heavy			
	2013	Mazzard	31-Mar	April 5 (+5)	April 11 (+4)	July 16 (+17)	Ripe	18.2	6.5	6	2.68	713	31.5	337	80	20		69		Medium			
	2014	Mazzard	5-Apr	April 7 (+2)	April 10 (+2)	July 6 (+13)	Ripe	21.3	5.5	5		941	32.7	411	100	26			46	Medium	Mild	Fairly Firm	Poor
	2015	Mazzard		March 28 (+8)	April 7 (+11)	June 22 (+7)	Ripe	18.5	6	5	2.84	815	31.2	385	92	8			26	Medium			
	2016	Mazzard	30-Mar	April 2 (+6)	April 7 (+5)	June 27 (+10)	Ripe	21.1	5.5	5	2.44	841	32.8	508	100	33.3	0.8	63	36	Medium	Medium	Firm	Good
	2017	Mazzard	8-Apr	April 11 (+3)	April 23 (+5)	July 13 (+10)	Ripe	19.2	6	5.5	2.48	660	31.2	328			0.91		6				
	AVG	Mazzard		4.4 Days After Bing	4.8 Days After Bing	10.6 Days After Bing		18.32	5.62	5.27	2.61	900.18	31.22	369.46	78.00	17.94	0.86	46.71	28.50				
Skylar Rae																							
	2016 #					16-Jun	Ripe	22.1	Blush				602.52	29.7	481	44	0						
Sovereign (13S-21-1)																							
	2005	Mazzard	27-Mar		April 6 (+3)	4-Aug	Ripe	19.3	6	5			28.5	312	8	0		15		Light	Mild	Firm	Good
	2006	Mazzard	11-Apr		April 22 (+6)	14-Aug	Ripe	18.6	6	6			28.6	359	28	0				Medium	Medium	Medium	
	2007	Mazzard	3-Apr		April 14 (+4)	13-Aug	Ripe	23.4	6	6			29.4	350	40	0				Light	Medium	Firm	Good
	2009	Mazzard	16-Apr	April 19 (+3)	April 24 (+2)	12-Aug	Ripe	19.5	6	4		569	30.7	253	76	4				Med/Heavy			
	2010	Mazzard	6-Apr	April 11 (+6)	April 13 (+1)	17-Aug	Ripe	21.2	5.5	5		724	29.0	395	40	0				Light			Good
	2011	Mazzard	16-Apr	April 21 (+7)	April 30 (+4)	Aug 7 (+25)	Ripe	18.5	5.5	4		871	29.9	431	76	12		23		Med/Heavy			
	2012	Mazzard	14-Apr	April 16 (+3)	April 22 (+2)	Aug 6 (+31)	Ripe	16.9	5	4		671	29.6	406	48	0				Heavy			
	2013	Mazzard	31-Mar	April 4 (+4)	April 7 (0)	July 25 (+26)	Ripe	19.7	6	5	2.72	880	29.7	320	48	0		33		Medium	Strong	Firm	Good
	2014	Mazzard	5-Apr	April 7 (+2)	April 9 (+1)	July 19 (+26)	Ripe	21.5	6	5		1021	30.5	428	84	0			4	Medium			
	2015	Mazzard		March 23 (+3)	March 28 (+2)	July 6 (+21)	Ripe	20.1	6	5	2.88	800	29.6	377	52	0			4	Medium	Medium	Firm	Good
	2016	Mazzard	29-Mar	April 2 (+6)	April 7 (+5)	July 22 (+35)	Ripe	20.9	6	5.5		834	30.0	541	84	8	0.67	13	4	Medium	Medium	Firm	Good

Lynn E. Long, David Crawford, Pamela Manning														Firmness	Row Size						Informal Evaluation		
Variety	Year	Rootstock	First Bloom	5% Bloom	Full Bloom	Harvest Date	Ripeness Status	Total Soluble Solids(%)	CTIFL Color Skin	CTIFL Color Flesh	Pitting Rating (1=Good, 4=Bad)	Stem Pull (g)	Fruit Dia. (mm)	Average (g/mm)	% 9-row +	% 8-row +	Titratable Acidity (%)	% Natural Crack	% Crack 2 hour soak	Crop Size	Taste (Mild/Strong)	Texture (Soft/Firm)	Overall Evaluation (Poor-Excellent)
Staccato																							
	2005	Mazzard	21-Mar		April 4 (+1)	29-Jul	Ripe	18.2	6	5			30.9	334	84	8		10		Light	Mild	Soft	Good
	2006	Mazzard	6-Apr		April 16 (0)	7-Aug	Ripe	19.2	6	5			31.5	318	93	1				Light	Mild	Firm	Good
	2007	Mazzard	29-Mar		April 7 (-3)	2-Aug	Ripe	19.5	6	6			31.5	336	92	10				Light	Medium	Firm	Excellent
	2009	Mazzard	13-Apr	April 16 (0)	April 21 (-1)	12-Aug	Ripe	20.5	6	5		694	31.4	254	88	13				Med/Heavy			
	2010	Mazzard	28-Mar	April 2 (-3)	April 14 (+2)	Aug 9 (+31)	Ripe	19	5.5	4		1039	30.2	423	65	4				Light			
	2011	Mazzard	9-Apr	April 18 (+4)	April 24 (0)	Aug 4 (+22)	Ripe	17.6	5.5	4		1023	31.4	393	96	52		5		Medium			
	2012	Mazzard	11-Apr	April 13 (0)	April 21 (+1)	Aug 3 (+28)	Ripe	18.2	5.5	5.5		913	31.0	417	88	4		5		Heavy/Med	Mild	Firm	Fair
	2013	Mazzard	30-Mar	April 2 (+2)	April 6 (-1)	July 22 (+23)	Ripe	20.1	6	5.5	2.36	1093	30.7	339	72	8		17		Med/Light	Strong/Me	Fairly Firm	Good
	2014	Mazzard	3-Apr	April 7 (+2)	April 9 (+1)	July 17 (+24)	Ripe	19.7	6	5		1080	32.4	359	100	24			6	Medium	Strong	Fairly Firm	Good
	2015	Mazzard		March 22 (+2)	March 27 (+1)	July 6 (+21)	Ripe	21.5	6	5	2.92	1070	30.9	322	76	0			8	Med/Light	Medium	Fairly Firm	Good
	2016	Mazzard	28-Mar	March 31 (+4)	April 2 (0)	July 21 (+34)	Ripe	21.5	6	5.5		957	32.4	504	100	26.1	0.53	9	4	Med/Light	Medium	Firm	Good
	2017	Mazzard	8-Apr	April 10 (+2)	April 21 (+3)	Aug 1 (+28)	Ripe	21.5	7	6		746	30.0	316			0.73		16				
	AVG	Mazzard		1.4 Day After Bing	0.3 Days After Bing	26.4 Days After Bing		19.7	6.0	5.1	2.6	957.2	31.2	359.5	86.8	13.6	0.6	9.2	8.5				
Stardust																							
	2006	Gisela 6	14-Apr			July 13 (+1)	Ripe	16.9	Blush				31.0	260	72	4				Heavy	Medium	Firm	Good
	2007	Gisela 6	7-Apr		April 14 (+4)	16-Jul	Ripe	25.9	Blush			554	28.9	374	32	0				Light	Medium	Medium	Good
	2008	Gisela 6	14-Apr		April 29 (+9)	July 21 (+8)	Ripe	18.7	Blush			715	29.6	225	12	4				Light	Mild	Soft	Good
	2009	Gisela 6	20-Apr	April 22 (+6)	April 29 (+7)	July 18 (+8)	Ripe	18.7	Blush			765	28.7	233	48	0				Heavy			
	2010	Gisela 6	14-Apr	April 15 (+10)	April 18 (+6)	July 16 (+7)	Ripe	18	Blush			1180	32.0	268	96	16				Light			
	2011	Gisela 6	21-Apr	April 25 (+11)	May 2 (+8)	July 18 (-2)	Ripe	19.1	Blush			1243	31.5	302	100	60		32		Medium			
	2012	Gisela 6	15-Apr	April 19 (+6)	April 23 (+3)	July 17 (+8)	Ripe	17.6	Blush			900	30.6	259	80	8		1		Med/Heavy	Mild	Medium	Good
	2013	Gisela 6	6-Apr	April 7 (+7)	April 18 (+11)	July 6 (+5)	Ripe	18.5	Blush		2.8	715	30.3	266	64	0		40		Med/Heavy			
	2014	Gisela 6	8-Apr	April 10 (+5)	April 13 (+5)	July 2 (+3)	Ripe	17	Blush			868	32.3	309	100	13			8	Med/Heavy	Mild	Fairly Firm	Good
	2015	Gisela 6		March 27 (+7)	April 8 (+12)	June 18 (+3)	Ripe	17	Blush		2.6	834	31.5	352	88	4			12	Med/Heavy			
	2016	Gisela 6	2-Apr	April 4 (+8)	April 8 (+6)	June 23 (+6)	Ripe	17.9	Blush		2.4	773	30.9	352	72	4	0.44	16	8	Med/Heavy	Mild	Fairly Firm	Good
	2017	Gisela 6	15-Apr	April 17 (+9)	April 23 (+5)	July 7 (+4)	Ripe	17.7	Blush		2.48	601	30.3	280			0.52	28	8				
	AVG	Gisela 6		7.7 Days After Bing	6.9 Days After Bing	4.6 Days After Rainier		18.0			2.6	859.4	30.8	284.6	73.3	12.1	0.5	23.4	9.0				
Star Blush (SPC 207)																							
	2008	Gisela 6	13-Apr		April 17 (-3)	31-Jul	Ripe	22.3	Blush			1310	30.0	318	8	0				Very Light	Strong	Firm	Good
	2009	Gisela 6	15-Apr		April 24 (+2)	July 22 (+12)	Ripe	20.5	Blush			900	31.0	263	80	0				Heavy			
	2010	Gisela 6	5-Apr		April 16 (+4)	July 22 (+13)	Ripe	21.1	Blush			1271	30.7	309	80	0				Light/Med			
	2011	Gisela 6	14-Apr	April 18 (+4)	April 23 (-1)	July 27 (+7)	Ripe	20.8	Blush			1518	32.7	331	96	92		16		Medium			
	2012	Gisela 6	12-Apr	April 14 (+1)	April 21 (+1)	July 23 (+14)	Ripe	19.7	Blush			807	29.7	313	40	12		20		Med/Heavy			
	2013	Gisela 6	30-Mar	April 1 (+1)	April 7 (0)	July 16 (+15)	Ripe	19.7	Blush		2.23	1070	30.3	276	76	0		37		Heavy			
	2014	Gisela 6	5-Apr	April 7 (+2)	April 10 (+2)	July 6 (+7)	Ripe	22.8	Blush			960	32.3	322	100	17			4	Med/Heavy	Strong	Fairly Soft	Good
	2015	Gisela 6		March 25 (+5)	March 29 (+3)	June 22 (+7)	Ripe	22.3	Blush		2.76	1014	32.7	348	100	19			8	Medium	Medium	Firm	Good
	2016	Gisela 6	30-Mar	April 1 (+5)	April 7 (+5)	June 23 (+6)	Ripe	19.6	Blush		2.4	1289	32.2	378	95.2	28.6	0.64	10	6	Med/Heavy	Medium	Fairly Firm	Good
	2017	Gisela 6		April 12 (+4)	April 19 (+1)	July 7 (+4)	Ripe	19.5	Blush		2.38	736	29.7	332			0.79	30	6				
	AVG	Gisela 6		3.1 Days After Bing	1.4 Days After Bing	9.4 Days After Rainier		20.8			2.4	1087.5	31.1	319.0	75.0	18.7	0.7	22.6	6.0				
Suite Note (SPC 136)																							
	2006 #	Gisela 6 #	16-Apr		20-Apr	19-Jun	Ripe	18.6	6	6			31.2	272	84	0		8			Strong	Firm	Excellent
	2007 #	Gisela 6 #	5-Apr		12-Apr	25-Jun	Ripe	17.6	6	5			31.8	331	76	14					Strong	Firm	Excellent
	2008 #	Gisela 6 #				2-Jul	Ripe	16.7	6	4		982	29.2	285	8	0							
	2009 #	Gisela 6 #	19-Apr		25-Apr	23-Jun	Ripe	17.1	3	2		336		330						Med/Heavy			
	2010 #	Gisela 6 #	11-Apr		19-Apr	27-Jun	Ripe	18	4.5	3.5		1405	31.0	259	88	1				Light/Med			
	2011 #	Gisela 6 #	21-Apr	23-Apr	30-Apr	1-Jul	Ripe	17.7	5	3		1509		327						Light/Med			
	2012 #	Gisela 6 #	18-Apr	20-Apr	24-Apr	29-Jun	Ripe	18.7	5	3	2.44	389	30.0	297	60	0		10		Med/Heavy			
	2013	Gisela 6	6-Apr	April 8 (+8)	April 13 (+6)	June 23 (6)	Ripe	17.3	6	6	2.36	1285	29.7	313	44	0		9		Med/Heavy	Medium	Fairly Firm	Good/Fair

Lynn E. Long, David Crawford, Pamela Manning														Firmness	Row Size					Informal Evaluation			
Variety	Year	Rootstock	First Bloom	5% Bloom	Full Bloom	Harvest Date	Ripeness Status	Total Soluble Solids(%)	CTIFL Color Skin	CTIFL Color Flesh	Pitting Rating (1=Good, 4=Bad)	Stem Pull (g)	Fruit Dia. (mm)	Average (g/mm)	% 9-row +	% 8-row +	Titratable Acidity (%)	% Natural Crack	% Crack 2 hour soak	Crop Size	Taste (Mild/Strong)	Texture (Soft/Firm)	Overall Evaluation (Poor-Excellent)
Tieton																							
	2005#					15-Jun	Ripe	16.2	6	5		603	30.9	295	76	4					Mild	Firm	
	2006	Mazzard	11-Apr		18-Apr	21-Jun	Ripe	14.6	6	5			29.6	167	44	4		13		Light	Mild	Medium	Fair
		Gisela 6				June 23 (-13)	Ripe	14.1	6	5			29.4	208	49	13		6			Mild	Soft	Excellent
		Maxma 14	10-Apr		18-Apr	21-Jun	Ripe	14.4	6	5			28.0	170	12	0				Medium	Strong	Firm	Good
		Mahaleb	10-Apr		18-Apr	25-Jun	Ripe	15.9	6	5			31.1	202	92	9		28		Medium	Mild	Soft	
	2007	Mazzard	5-Apr		12-Apr	23-Jun	Ripe	17.5	6	6			31.7	303	72	19				Very Light	Mild	Firm	Good
		Gisela 6	30-M a r		April 7 (-3)	June 21 (-7)		19.7	6	6			30.3	315	63	9				Light	Medium	Medium	Good
		Maxma 14	3-Apr		12-Apr	21-Jun	Ripe	20.2	6	6			27.8	311	31	0				Very Light	Mild	Medium	Fair
		Mahaleb	5-Apr		16-Apr	25-Jun	Ripe	17.8	5	5			32.6	414	100	60				Light	Mild	Firm	Fair
	2009	Gisela 6				June 27 (-7)	Ripe	15.2	6	5		785	26.0	242	0	0		40		Heavy			
		Maxima 14	15-Apr	18-Apr	21-Apr	29-Jun	Ripe	17.5	6	6		794	29.1	248	44	0				Heavy			
	2010	Mazzard	8-Apr	14-Apr	18-Apr	28-Jun	Ripe	17.2	4	3		1538	31.8	320	92	20				Light			
		Maxima 14	30-Mar	7-Apr	15-Apr	26-Jun	Ripe	20.1	5	3		1230	30.3	291	50	0				Light			
	2011	Mazzard	10-Apr	15-Apr	25-Apr	5-Jul	Ripe	14.1	4.5	3		1508	30.9	249	88	36				Light/Med			
		Gisela 6	10-Apr	April 15 (+1)	April 25 (+1)	July 7 (-6)	Ripe	14.8	5	3.5		1046	27.3	215	4	0				Light			
		Maxima 14	10-Apr	15-Apr	25-Apr	1-Jul	RIPE	16.4	5.5	3		1266	28.2	198	8	0				Light			
	2012	Mazzard	13-Apr	15-Apr	21-Apr	27-Jun	Ripe	14.9	5	4		1236	32.3	311	92	12				Med/Light			
		Gisela 6	12-Apr	April 15 (+2)	April 21 (+1)	June 25 (-11)	Ripe	14.5	5	4		945	30.1	230	68	0				Med/Heavy	Mild	Medium	Fair
		Maxima 14	12-Apr	15-Apr	22-Apr	25-Jun	Ripe	17	5	4		957	29.8	235	48	0				Heavy/Med			
	2013	Mazzard	31-Mar	6-Apr	21-Apr	21-Jun	Ripe	17.7	6.5	5.5		1333	32.3	391	88	13		13		Medium			
		Gisela 6	30-Mar	April 1 (+1)	April 6 (-1)	June 19 (-10)	Ripe	18.4	6	5	2.68	1164	32.0	329	96	24				Light	Strong	Fairly Firm	Excellent
		Maxima 14	30-Mar	1-Apr	7-Apr	14-Jun	Ripe	17.5	5	4		1162	31.4	295	84	8				Light			
	2014	Mazzard		5-Apr	11-Apr	19-Jun	Ripe	17.7	6	5.5		1585	32.9	363	100	43				Medium			
		Gisela 6	1-Apr	April 5 (0)	April 11 (+3)	June 15 (-8)	Ripe	16.9	6	5.5		1260	31.9	324	92	12			74	Medium	Strong	Firm	Excellent
		Maxima 14	5-Apr	7-Apr	10-Apr	19-Jun	Ripe	17.8	6.5	6.5		1190	31.2	303	96	8				Medium			
	2015	Mazzard		27-Mar	30-Mar	11-Jun	Ripe	17.1	5	5		1264	32.5	342	100	4.8				Light			
		Gisela 6		March 28 (+8)	April 2 (+6)	June 8 (-7)	Ripe	18.2	6	6	2.84	1056	32.6	328	100	26.1				Medium			
		Maxima 14		27-Mar	30-Mar	8-Jun	Ripe	18.8	6.5	6		893	31.4	309	88	0				Medium			
	2016	Mazzard	30-Mar	3-Apr	4-Apr	7-Jun	Ripe	17.6	5	5		1203	32.4	323	100	9.1				Light			
		Gisela 6	28-Mar	March 30 (+3)	April 3 (+1)	June 4 (-13)	Ripe	18.3	5	4.5	2.72	1158	31.9	301	95.5	18.2	0.48		14	Med/Heavy	Medium	Soft	Good
		Maxima 14	30-Mar	1-Apr	4-Apr	4-Jun	Ripe	18.7	5	5		1160	32.7	255	95.7	30.4				Medium			
	2017	Mazzard				23-Jun	Ripe	17.9	6	5		1158	31.0	327									
		Gisela 6	8-Apr	April 10 (+2)	April 18 (0)	June 23 (-10)	Ripe	17.3	6	5	2.64	828	31.4	279			0.76	4			Mild	Fairly Soft	Fair
		Maxima 14	8-Apr	10-Apr	18-Apr	23-Jun	Ripe	15.8	5.5	5		979	30.2	291			0.58	8					
	AVG	Gisela 6		2.4 Days After Bing	1 Day After Bing	9.2 Days Before Bing		16.7	5.7	5.0	2.7	1030.2	30.3	277.0	63.1	11.4	0.6	16.7	44.0				

Tree not located at Cemetery Block

% Crack 2 hour soak percentages were acquired by soaking 50 cherries in distilled, room temperature water bath for 2 hours