

**2022 Oregon State University Sweet Cherry Variety Trial Data: Cemetery Block, The Dalles**

Variety	Rootstock	First Bloom Date	5% Bloom Date	Days Before (-) or After (+) Bing	Full Bloom Date	Days Before (-) or After (+) Bing	Harvest Date	Days Before (-) or After (+) Bing	Cherry Diameter (mm)	Avg Row Size	% 9 row +	% 8 row +	Firmness (gf/mm)	% Natural Crack	% Crack 2-Hour Soak	Stem Removal Force (kgf)	Total Soluble Solids (Brix %)	Titrateable Acidity (malic acid %)	CTIFL Skin Color	CTIFL Flesh Color
Kassandra	Krymsk 5	27-Mar	1-Apr	5	7-Apr	3	23-Jun	-16	26.5	10	0	0	141.4	10	10	0.72	16.2	0.82	5	5
OSU #1	n/a	25-Mar	27-Mar	0	2-Apr	-2	23-Jun	-16	28.6	9	56	0	219.7	66	0	1.14	16.9	0.9	5.5	5
Royal Hazel	Z Stem	21-Mar	23-Mar	-4	28-Mar	-7	23-Jun	-16	poor set										5	5.5
Chelan (@Manning's)	Mazzard	24-Mar	26-Mar	-1	7-Apr	3	24-Jun	-15	25.5	10.5	0	0	272.6	-	-	1.30	18.7	0.67	-	-
Early Star	Gisela 6	27-Mar	31-Mar	4	3-Apr	-1	24-Jun	-15	29.7	9	80	4	171.6	6	2	1.10	16.9	0.76	5.5	5.5
Black Pearl	Gisela 12	25-Mar	29-Mar	2	2-Apr	-2	27-Jun	-12	28.2	9.5	40	0	351.6	4	0	1.25	20.9	0.95	5.5	5.5
Early Robin	Gisela 5	25-Mar	27-Mar	0	3-Apr	-1	27-Jun	-12	30.3	8.5	88	16	311.1	29	0	1.29	21.3	0.77	Blush	
Kiona	Gisela 6	29-Mar	5-Apr	9	8-Apr	4	27-Jun	-12	27.9	9.5	28	0	254.2	17	0	1.17	19.9	0.82	5.5	6
Blaze Star	Gisela 6	27-Mar	29-Mar	2	7-Apr	3	29-Jun	-10	27.7	9.5	28	0	231.0	6	0	1.24	18.8	0.86	4.5	5
Santina	Mazzard	27-Mar	2-Apr	6	7-Apr	3	29-Jun	-10	28.1	9.5	36	0	292.5	34	8	1.49	20.5	1.06	5	5
Suite Note (SPC 136)	Gisela 6	29-Mar	5-Apr	9	13-Apr	9	29-Jun	-10	29.1	9	60	0	273.1	8	0	1.30	20.7	0.76	5.5	5
Tieton	Mazzard	1-Apr	2-Apr	6	5-Apr	1	29-Jun	-10	29.6	9	76	8	309.3	29	15	1.37	18.7	0.96	5	5
Tieton	Maxima 14	25-Mar	27-Mar	0	7-Apr	3	29-Jun	-10	29.0	9	56	0	280.2	48	15	1.42	19.4	0.75	5	4.5
Tieton	Gisela 6	25-Mar	27-Mar	0	7-Apr	3	29-Jun	-10	30.4	8.5	80	16	284.4	47	10	1.35	20.5	0.94	5.5	5.5
Radiance Pearl	Gisela 6	27-Mar	29-Mar	2	6-Apr	2	2-Jul	-7	29.8	9	80	8	325.0	20	2	0.99	24.8	1.22	Blush	
Burgundy Pearl	Gisela 12	24-Mar	27-Mar	0	2-Apr	-2	4-Jul	-5	28.2	9.5	36	0	297.2	5	2	1.10	18.6	0.69	5.5	5.5
Q45226 HL-14613	Krymsk 5	29-Mar	3-Apr	7	8-Apr	4	4-Jul	-5	28.6	9	52	0	264.5	30	4	0.70	20.3	0.94	5	5
Rainier	Gisela 7	27-Mar	29-Mar	2	5-Apr	1	4-Jul	-5	28.2	9.5	44	0	322.7	32	2	1.46	22.8	1.1	Blush	
Big Star	Gisela 6	27-Mar	30-Mar	3	7-Apr	3	6-Jul	-3	29.6	9	68	12	222.2	2	19	1.06	22.5	1.03	5	5
Black Star	Gisela 6	28-Mar	29-Mar	2	7-Apr	3	6-Jul	-3	29.9	9	84	12	303.6	0	12	1.19	22.3	0.8	5.5	5
OSU #2	n/a	26-Mar	28-Mar	1	6-Apr	2	6-Jul	-3	31.7	8	100	56	306.3	4	11	1.24	20.9	0.71	5.5	5
Coral Champagne	Mazzard	27-Mar	29-Mar	2	8-Apr	4	7-Jul	-2	30.8	8.5	88	20	318.7	10	25	1.09	20.9	1.1	5	5.5
Cristalina	Mazzard	1-Apr	4-Apr	8	7-Apr	3	7-Jul	-2	27.9	9.5	32	0	358.5	2	15	0.94	21.0	0.62	6	5.5
Ebony Pearl*	Gisela 6	27-Mar	30-Mar	3	5-Apr	1	7-Jul	-2	30.8	8.5	92	24	311.0	10	8	1.55	21.7	0.85	5	5
Horka	Krymsk 5	29-Mar	5-Apr	9	10-Apr	6	7-Jul	-2	30.2	8.5	80	12	260.6	59	50	1.15	19.9	0.7	5	5
Benton	Mazzard	1-Apr	4-Apr	8	8-Apr	4	8-Jul	-1	24.2	11	0	0	375.8	5	0	1.34	25.0	0.96	5	4.5
Benton	Gisela 5	1-Apr	5-Apr	9	7-Apr	3	8-Jul	-1	27.6	9.5	28	0	348.9	10	8	1.52	25.1	1.15	5.5	4.5
JJ9816-96	Gisela 6	29-Mar	3-Apr	7	10-Apr	6	8-Jul	-1	30.2	8.5	84	16	361.8	20	10	1.21	23.8	0.87	5.5	6
PC9819-31	Gisela 6	29-Mar	3-Apr	7	20-Apr	16	8-Jul	-1	31.1	8.5	96	32	339.9	13	6	1.37	26.1	1.17	5.5	6
Stardust	Gisela 6	5-Apr	12-Apr	16	21-Apr	17	8-Jul	-1	26.7	9.5	0	0	311.5	12	5	1.33	18.6	1.00	Blush	
Sylvia	Mazzard	7-Apr	14-Apr	18	25-Apr	21	8-Jul	-1	28.3	9	40	0	304.5	0	6	1.13	20.5	0.56	5.5	4.5
White Gold	Gisela 6	29-Mar	1-Apr	5	7-Apr	3	8-Jul	-1	26.4	10	0	0	337.8	40	10	1.16	21.9	1.06	Blush	
Bing	Gisela 6	25-Mar	27-Mar		4-Apr		9-Jul		27.9	9.5	32	0	266.3	8	15	1.26	19.7	0.94	6	5.5
GG9817	Gisela 6	27-Mar	29-Mar	2	5-Apr	1	9-Jul	0	29.7	9	76	16	267.6	30	0	1.14	23.4	0.86	5.5	5.5
Van	Gisela 7	27-Mar	29-Mar	2	5-Apr	1	9-Jul	0	28.3	9	44	0	287.8	2	6	1.02	23.2	0.95	6	6
Sandra Rose	Mazzard	29-Mar	5-Apr	9	11-Apr	7	10-Jul	1	29.6	9	72	4	385.8	12	8	1.11	22.5	0.84	6	5
Techlovan	Gisela 6	27-Mar	3-Apr	7	14-Apr	10	10-Jul	1	29.0	9	60	0	314.9	14	46	1.63	22.3	0.65	5.0	5.5
Attika (Kordia)	Mazzard	1-Apr	3-Apr	7	15-Apr	11	11-Jul	2	28.2	9.5	36	0	329.2	8	8	1.07	16.8	0.86	5	4
Tamara	Krymsk 5	27-Mar	1-Apr	5	7-Apr	3	11-Jul	2	31.5	8	100	48	342.6	25	52	0.66	20.3	1.06	6	6
0900 Ziraat	Gisela 5	3-Apr	7-Apr	11	18-Apr	14	12-Jul	3	25.9	10	0	0	249.9	0	0	1.06	17.2	0.63	5.5	4.5

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4.18.15-10	Gisela 6	29-Mar	3-Apr	7	15-Apr	11	13-Jul	4	29.8	9	88	4	324.5	9	4	1.54	18.2	0.69	3	5
NY 119	Gisela 12	26-Mar	29-Mar	2	5-Apr	1	13-Jul	4	29.5	9	68	4	271.7	25	15	1.09	23.1	0.84	6	5
NY 252	Gisela 6	27-Mar	29-Mar	2	1-Apr	-3	13-Jul	4	27.4	9.5	24	0	352.3	7	2	1.42	23.0	0.88	Blush	
4.18.15-47	Gisela 6	29-Mar	1-Apr	5	10-Apr	6	14-Jul	5	26.2	10	0	0	307.4	4	0	0.99	20.7	0.82	5.5	5
DD9816-104	Gisela 6	27-Mar	29-Mar	2	7-Apr	3	14-Jul	5	30.0	8.5	84	12	290.7	5	0	1.45	19.5	0.71	4.5	5
Star Blush (SPC 207)	Gisela 6	31-Mar	1-Apr	5	5-Apr	1	14-Jul	5	28.6	9	56	0	324.7	5	0	1.55	17.2	1.13	Blush	
Royal Edie	Z Stem	27-Mar	29-Mar	2	7-Apr	3	15-Jul	6	31.4	8	100	48	344.6	20	4	1.55	22.8	0.75	5.5	5
Skeena	Mazzard	27-Mar	5-Apr	9	8-Apr	4	18-Jul	9	29.3	9	64	4	352.1	0	25	1.02	21.9	0.94	5.5	6
Hedelfinger	n/a	5-Apr	10-Apr	14	18-Apr	14	19-Jul	10	25.2	10.5	0	0	191.9	0	26	0.81	17.6	0.92	6	6
Sam	Gisela 6	7-Apr	12-Apr	16	18-Apr	14	19-Jul	10	28.6	9	56	0	239.4	0	0	1.06	18.2	0.71	6	6
Regina	Gisela 6	5-Apr	10-Apr	14	24-Apr	20	21-Jul	12	29.2	9	64	0	294.8	2	5	1.76	19.9	0.94	5	5
Regina	Mazzard	5-Apr	10-Apr	14	24-Apr	20	21-Jul	12	30.2	8.5	80	12	282.9	3	5	1.73	18.3	0.72	5.5	6
4.18.15-42	Gisela 6	27-Mar	1-Apr	5	10-Apr	6	22-Jul	13	31.2	8.5	96	40	357.9	2	0	1.09	19.1	0.85	5	5
NY 200	Gisela 12	1-Apr	7-Apr	11	26-Apr	22	22-Jul	13	30.3	8.5	84	12	281.8	0	0	1.28	19.3	0.93	4.5	5
NY 242	Gisela 12	1-Apr	5-Apr	9	11-Apr	7	22-Jul	13	25.9	10	0	0	275.4	2	0	1.32	20.1	0.82	5	4
NY 8315	Gisela 12	27-Mar	29-Mar	2	8-Apr	4	22-Jul	13	30.4	8.5	84	16	313.9	7	0	1.61	23.5	0.94	5.5	6
Royal Helen	Z Stem	27-Mar	29-Mar	2	5-Apr	1	22-Jul	13	32.0	8	100	64	332.9	4	25	1.44	18.8	0.78	5.5	5.5
Symphony	Mazzard	27-Mar	29-Mar	2	5-Apr	1	25-Jul	16	28.5	9	48	0	263.5	4	0	0.62	18.8	0.69	5.5	4.5
Riker (RR2A)	Krymsk 5	27-Mar	29-Mar	2	8-Apr	4	28-Jul	19	27.2	9.5	16	0	322.6	6	2	0.92	18.9	1.05	5.5	6
Glory	Gisela 6	27-Mar	29-Mar	2	15-Apr	11	29-Jul	20	29.6	9	72	12	283.5	6	2	1.06	19.1	0.59	5.5	6
Sovereign (13S-21-1)	Mazzard	1-Apr	3-Apr	7	10-Apr	6	30-Jul	21	28.0	9.5	36	0	372.4	2	0	0.97	23.8	0.79	5	5

\*Ebony Pearl has a fruit drop issue following fruit set

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Variety	Rootstock	First Bloom Date	5% Bloom Date	Days Before (-) or After (+) Bing	Full Bloom Date	Days Before (-) or After (+) Bing	Harvest Date	Days Before (-) or After (+) Bing	Cherry Diameter (mm)	Avg Row Size	% 9 row +	% 8 row +	Firmness (gf/mm)	% Natural Crack	% Crack 2-Hour Soak	Stem Removal Force (kgf)	Total Soluble Solids (Brix %)	Titrateable Acidity (malic acid %)	CTIFL Skin Color	CTIFL Flesh Color
Chelan	Krymsk 6	28-Mar	1-Apr	-1	19-Apr	12	2-Jul	-10	24.2	11	0	0	327.3	8	2	1.44	20.6	1.07	5	5
Santina	Krymsk 6	28-Mar	6-Apr	4	18-Apr	11	7-Jul	-5	27.8	9.5	28	0	283.8	8	12	1.34	19.8	0.71	5.5	5
Coral Champagne	Krymsk 5	1-Apr	5-Apr	3	22-Apr	15	7-Jul	-5	28.5	9	52	0	278	5	5	0.99	16.2	0.86	5	5
Suite Note (SPC 136)	Gisela 6	5-Apr	15-Apr	13	25-Apr	18	10-Jul	-2	26.5	10	0	0	225.0	2	5	1.23	18.4	0.84	5.5	5.5
SPC 342	Gisela 6	1-Apr	5-Apr	3	22-Apr	15	10-Jul	-2	29.9	8.5	80	12	289.6	2	2	1.63	22.6	0.85	5.5	4.5
Black Pearl	n/a	1-Apr	7-Apr	5	19-Apr	12	11-Jul	-1	25.1	10.5	0	0	407.8	-	-	0.88	17.5	0.89	6	5
Sandra Rose	Krymsk 6	5-Apr	10-Apr	8	26-Apr	19	11-Jul	-1	30.7	8.5	88	16	335.8	5	2	1.16	19.1	0.94	5	4.5
SPC 3351	Gisela 6	28-Mar	1-Apr	-1	11-Apr	4	12-Jul	0	28.3	9.5	44	0	337.2	9	0	0.89	18.5	0.95	5	6
Bing	Gisela 6	1-Apr	2-Apr		7-Apr		12-Jul		28.6	9	52	0	320.7	9	0	1.02	23.7	1.04	5.5	6
Attika (Kordia)	Krymsk 6	1-Apr	7-Apr	5	26-Apr	19	12-Jul	0	21.3	12	0	0	335.1	2	0	0.95	16.7	0.7	6	6
Tamara	Krymsk 5	1-Apr	5-Apr	3	16-Apr	9	14-Jul	2	29.6	9	72	8	296.1	0	5	0.50	18.6	0.68	4.5	5
SPC 171	Gisela 6	7-Apr	9-Apr	7	26-Apr	19	20-Jul	8	29.6	9	76	8	410.9	5	5	0.57	18.9	0.68	5	5.5
Lapins	Krymsk 6	29-Mar	1-Apr	-1	10-Apr	3	20-Jul	8	28.2	9.5	40	0	345.5	5	0	0.68	19.6	0.72	5.5	5.5