



## Fruit quality characteristics of various sweet cherry cultivars and selections, in comparison to 'Bing'.

The Dalles, Oregon

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ultivar	Picking time + or – 'Bing' (days)	Average first bloom + or – 'Bing' (days)	Average fruit size (mm)	Average fruit firmness (g/mm)	Total soluble solids concentration (%)	Titratable acid (g/100 ml) <sup>z</sup> or pH	Ctifl skin color	Ctifl flesh color	Tree productivity <sup>y</sup>	2005 natural cracking <sup>x</sup> (%)
Tieton <sup>w</sup>	-6 to -9	+3	31.1	202	15.9	pH 3.9	6	5	3	28
SPC 136 <sup>w</sup>	-6 to 7	+9	31.2	272	18.6	pH 3.7	6	6	3 on K5&K6	8 (2006)
Santina	- 6 to 7	+2	30.6	314	16.5	0.48	5	4	2	90
13S-03-13	-5 to 7	+1	32.3	261	17.5	0.76	5	4	2	10
Cristalina	-1 to 4	+3	30.6	289	15.3	0.44	5	4	4	10
Benton <sup>w</sup>	-4	+8	31.4	332	16.7	pH 3.5	3	3	1 maz. 3 G5	17 (2006)
Bing	0	0	29.3	272	17.8	0.80	5	5	3	55
Sandra	+3 to 5	+3	32.8	278	18.8	0.68	5	3	1	25
Rose										
Sonata	+4 to 6	+1	32.3	335	18.7	0.84	5	3	3	45
0900 Ziraat <sup>w</sup>	+7 to 9	+5	28.5	224	15.9	pH 3.6	5	4	1 <sup>st</sup> crop	16
Kordia	+7 to 10	+6	29.1	292	18.0	0.64	6	6	3	5
NY252 <sup>w</sup>	+8 to 10	+3	30.5	307	21.4	pH 3.46	58% blush		3	0 (2006)
Stardust <sup>w</sup>	+9 to 10	+7	31.0	260	16.9	pH 3.8	41% blush		1 <sup>st</sup> crop	
Lapins	+10 to 15	-4	30.2	311	17.7	0.72	5	2	4	10
13S-42-49	+13 to 17	+5	31.3	363	18.1	0.72	6	6	3	40
Skeena	+14 to 17	+5	31.9	318	20.9	0.68	6	6	2	40
Regina	+14 to 17	+9	31.0	314	21.5	0.60	6	6	1	5
Sweetheart	+20 to 22	-2	29.0	348	19.6	0.68	6	2	4	5
Staccato	+26 to 31	-1	31.4	343	18.6	0.64	6	3	3	10
13S-21-01	+35 to 38	+2	29.7	270	19.0	-	6	1	3	-

<sup>z</sup>g/100 ml malic acid

<sup>y</sup>Subjective assessment on a scale of 1-4, low to high respectively.

<sup>x</sup>Two rain events totaling 8.9 mm of precipitation occurred 12 and 13 days prior to 'Bing' harvest.

<sup>w</sup>One year of data (2006)