

Fruit quality characteristics of early sweet cherry cultivars and selections in comparison to ‘Bing’

The Dalles, Oregon

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Omeg Orchards Cemetery Block

Cultivar	Picking time + or – ‘Bing’ (days)	Average first bloom + or – ‘Bing’ (days)	Average fruit size (mm)	% 9 row & larger	Average fruit firmness (g/mm)	Total soluble solids concentration (%)	Titratable acid (g/100 ml) ^z	Ctifi skin/flesh color	Tree productivity ^y	natural cracking (%)
Early Robin	- 10 to 13	0	28.35 (05) 26.5 (06)	56 (05) 8 (06)	268 (05) 230 (06)	16.8 (05) 13.2 (06)	0.32 (05)	Blush	4 on G5	6 (06)
PC 8011-3	-10 to 12	+1	31.2	90.5	265 (2yr)	14.9	---	Blush	1 on G6	40 (06)
Chelan	-10 to 12	-2	25.9	0	306	17.0	---	6/5	4	2 (06)
Royal Rainier	-10 to 12*	?	28.2	8	251 (1yr)	14.4	---	Blush	4 on Gisela	20 (06)
Margit	-7 to 12*	?	28.9	32	232 (1yr)	14.4	---	6/3	1 st year	16 (06)
PC 8008-5	- 7 to 12*	0	31.7	80					1	50 (05)**
Tieton	-6 to 9		31.1		269 (2yr)	14.9	0.52	6/5	1	6% (06)
Santina	- 6 to 7	+2	30.6		314	16.5	0.48	5/4	2	90 (05) 38 (06)
13S-3-13	-5 to 7	+1	32.3		261	17.5	0.76	5/4	2	10 (05)
Cristalina	-1 to 4	+3	30.6		289	15.3	0.44	5/4	4	10 (05)

* estimated time

** Bing – 55% cracks in 2005

^y 1 = light crop

^z g/100 ml malic acid

