

2005 Fruit characteristics of sweet cherry cultivars and selections under evaluation, in The Dalles at the Cemetery Block. N=25

Cultivar Selection/ Rootstock	First Bloom	Full Bloom	Harvest Date 2005	Ripeness Status	Total Soluble Solids (%)	Color Skin/Flesh	Titratable Acid*	Stem Pull (g)	Fruit Diameter (mm)	Firmness			Row Size			Crop Size
										Average (g/mm)	STD	MIN	MAX	% 9- row and larger	% 8-row and larger	
H-208/5	4/1		6/8	Ripe	13.2	4./1.	0.52		29.04	194.6	31.2	109.4	256.4	12	0	
H-208/5	4/1		6/10	Ripe	13.3	4./1.	0.56		27.7	194.3	34.5	115	256.4	16	0	
PC 8011-3/6	3/27	4/6	6/10	Ripe	15.3	6./4.	0.48	689	30.45	262.3	51.4	167.9	374.4	80	0	
PC8007-2/6	4/1	4/13	6/10	Ripe	16.4	6./5.	0.52	739	27.8	159.7	23.9	131.3	221.6	3.8	0	
PC8007-2/6	4/1	4/13	6/14	Ripe	16.2	6./5.	0.4	550	30.09	240.9	44	146.3	313.2	56	8	
6-240/5	3/21	4/5	6/14	Ripe	20.1	6./4.	0.42	424	27.36	159.7	23.9	131	221.6			light
CHELAN#			6/14	Ripe	20.4	6./5.	0.68	491	28.09	511.2	94.2	323	679.9	16	0	
EARLY ROBIN/5	3/18	4/4	6/14		16.8	Blush	0.4	560	28.7	306.8	66.8	217.3	441.4	40	0	medium
EARLY ROBIN/5	3/18	4/4	6/16	Ripe	16.75	Blush	0.32	502	28.35	279.6	57.5	210.5	387.9	56	0	
EARLY ROBIN/5	3/18	4/4	6/21	Over ripe	17.8	Blush	0.36	268.2	30.68	268.2	48.9	181.3	372.9	80	4	
TIETON#			6/15	Ripe	16.2	6./5.	0.52	603	30.91	295.12	51.5	199.6	496.2	76	4	
SANTINA/M	3/21	4/7	6/16	Ripe	15.9	6./4.	0.48	741	30.4	311.6	53.8	248.8	442.5	68	8	90 light
H -165/5	3/21	4/7	6/22	Ripe	17.7	7./5.	0.64	703	26.88	322.5	40	274.9	475	0	0	7.5
BENTON#	3/31	4/7	6/22	Ripe	22.2	6./4.	0.88	912	29.59	307.8	49.9	199.3	415.8	44	0	
13S-3-13/M	3/21	4/4	6/22	Ripe	17.9	6./4.	0.76	585	30.3	191.1	40.8	110.7	284.7	83.3	20.8	10
SONNET/M	3/24	4/7	6/29	Ripe	17.7	6./5.	0.56		30.28	243.7	36.7	193.9	322.4	68	0	10 medium
SAM/6	3/31	4/12	6/29	Ripe	15.5	6./4.	0.56		27.65	254.6	49.9	181.9	386.8	16	0	1 heavy
NY304/7	3/31	4/12	6/29	Ripe	17.8	5./4.	0.56		29.74	364.7	63.5	256.9	528.9	92	8	40 medium
NY412068/6		3/25	6/29	Ripe	21.8	6./5.	0.56		29.88	330.5	49	231.9	462.7	72	16	45 medium
BING/5		4/3	6/29	Ripe	16.6	5./4.	0.56		26.98	223.1	72.4	153.6	509.9	8	0	65 heavy
BING/6		4/3	6/29	Ripe	19.1	6./5.	0.72		28.36	251.7	55.4	169.9	377.3	56	0	55 heavy
BING/M	3/17	4/5	6/29	Ripe	20.6	5./5.	0.8		29.6	262.9	70.7	142.2	490.4	60	0	55 heavy
VAN/7	3/19	4/4	6/29	Ripe	18.1	6./4.	0.64		31.3	298.3	23.1	242	339.8	80	0	60 heavy
CRYSTALINA/M	3/21	4/7	6/29	Ripe	17.5	6./5.	0.44		32.2	280.4	36.4	190.1	364.8	96	16	10 medium
SANDRAROSE/M	3/21	4/6	7/5	Ripe	19.5	6./5.	0.68		31.1	242.8	29.4	168.8	303.3	80	0	25 medium
PC 8008-5	3/20	4/4	7/5	Ripe	19.6	4/BLUSH	0.48		31.7	189.1	39.3	97.5	260.4	96	2	50 heavy
PC 8008-8/6	3/24	4/12	7/5	Ripe	20.4	7./6.	0.52		29.59	229.7	43.3	148.8	327.5	48	0	10 heavy
SCHNIEDER/M	3/28	4/11	7/5	Ripe	18.4	6./5.	0.6		29.86	249.3	37.2	173.6	312.1	80	0	35 light
PC 8011-7/M			7/5	Ripe	21.6	6./5.	0.6		29.96	169.6	42.5	99.3	285.1	84	4	5 medium
RAINIER/7	3/19	4/4	7/7	Ripe	19.6	BLUSH	0.52		31.54	218.2	23.9	169.4	264.8	80	24	90 heavy
SONATA/M	3/20	4/14	7/7	Ripe	19.3	6./6.	0.82		32.6	340.4	35.8	252.7	421.2	96	28	45 light
ATTIKA/M	3/28	4/11	7/7	Ripe	17.9	6./5.	0.64		29.1	277.08	37.4	214.6	384.9	40	0	5 medium
SYLVIA/M	3/28	4/13	7/7	Ripe	17.5	7./6.	0.48		30.48	263.6	40.9	182	365	80	0	25 medium

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Cultivar Selection			Harvest Date 2005	Ripeness Status	Total Soluble Solids(%)	Color Skin/Flesh	Titratable Acid*	Stem Pull (g)	Fruit Diameter (mm)	Firmness			Row Size			Crop Size	
										Average (g/mm)	STD	MIN	MAX	% 9- row and larger	% 8-row and larger		% Crack*
NY270/6	3/19	4/4	7/7	Ripe	22.5	6./4.	0.76		30.78	250.1	51.4	172.1	374.5	68	4	45	medium
NY252/6	3/21	4/3	7/7	Ripe	21.6	BLUSH	0.8		27.93	296.4	25.8	250.4	366.2	28	0	30	medium
0900 ZIRAAT//5	3/25	4/12	7/7	Over ripe	20.1	6./5.	0.52		30.48	210.4	27.5	163.1	273.1	72	0	10	medium
0900 ZIRAAT/5	3/25	4/12	7/8	Over ripe	20.1	6./5.	0.52		26.44	238.7	122.6	120.2	748.5	24	0	10	medium
0900 ZIRAAT/5	3/25	4/12	7/9	Over ripe	20.1	6./5.	0.52		29.28	237.4	36.3	180.7	343.6	76	2	10	medium
NY2131/7	3/21	4/11	7/9	Ripe	20.9	BLUSH	0.48		27	208.6	28.8	158.6	284.8	0	0	50	medium
NY007/7			7/9	Ripe	19.8	BLUSH	0.92		26.72	174.1	25.3	129.5	222.1	0	0	40	medium
PC 8012-9/M		4/6	7/9	Ripe	19.6	6./5.	0.84		28.14	340.8	52.5	225.9	418.6	60	0	20	
LAPINS/M		3/31	7/13	Ripe	17.4	6./5.	0.72		29.4	283.8	38.4	222	377.3	52	0	10	
REDLAC/M	3/28	4/5	7/13	Ripe	20	6./5.	0.76		30.34	243.8	57	135.7	404.9	68	0	75	very light
SKEENA/M		4/8	7/13		17.7	5./5.	0.4		32.13	333	49.9	244.2	440.5	100	8	50	light
SKEENA/M		4/8	7/19	Ripe	19.3	6./6.	0.68		31.9	318	46.5	215.1	427	92	20	40	light
REGINA/M	3/31	4/17	7/13		17.3	6./4.	0.56		29.37	340	56.7	203	488.8	60	0	5	heavy
REGINA/M	3/31	4/17	7/19	Ripe	21	6./6.	0.6		30.5	302.7	52.6	184.2	414.6	68	0	5	heavy
SWEETHEART/6		4/2	7/13		22.5	5./4.	0.76		29.31	390.3	69.5	260.4	534.8	40	0		
SWEETHEART/M.		4/2	7/19	Ripe	22.2	6./2.	0.68		28.7	310.3	83.1	124.4	420.5	12	0	5	heavy
13S-16-29/M	3/25	4/7	7/19	Ripe	20.5	6./6.	0.8		29.46	363	46.6	286.4	454.6	48	0	10	light
SYMPHONY/M	3/21	4/2	7/19	Ripe	16.3	5./5.	0.56		31.84	301.2	55.6	172.9	394.1	92	8	30	light
13S-42-49/6	3/28	4/7	7/19	Ripe	16.1	6./6.	0.72		30.7	348.8	72.7	186.6	472	88	8	40	light
NY415311/7	4/6	4/18	7/29	Ripe	20.4	6./5.	0.62		26.07	237.4	24.6	185.1	275.9	0	0	0	medium
STACCATO/M	3/21	4/4	7/29	Ripe	18.2	6./5.	0.64		30.94	334.4	47.4	233.2	422.6	84	8	10	light
13S-21-1/M	3/27	4/6	8/4	Ripe	19.3	6./5.	0.75		28.5	311.5	47.9	240	464.2	8	0	15	light

* g/100ml malic acid

** Two rain events totaling 8.9mm of precipitation occurred 12 and 13 days prior to 'Bing' harvest.

Cultivars taken from other orchards.

Rootstock
M=Mazzard
5=Gisela 5
6= Gisela 6
7=Gisela 7

	Informal Evaluation			
Cultivar Selection/ Rootstock	Taste (Mild/ Strong)	Texture (Soft/ Firm)	Appearance (1-10)	Overall Evaluation (Poor- Excellent)
H-208/5	Mild	Soft		Fair
H-208/5	Mild	Soft		Good
PC 8011-3/6	Mild	Firm		Good
PC8007-2/6	Mild	Soft		Good
PC8007-2/6	Mild	Soft		Good
6-240/5	Strong	Soft		Fair
CHELAN#	Strong	Firm		Excellent
EARLY ROBIN/5	Mild	Firm		Good
EARLY ROBIN/5	Mild	Firm		Good
EARLY ROBIN/5	Mild	Soft		Poor
TIETON#	Mild	Firm		Excellent
SANTINA/M	Mild	Firm		Excellent
H -165/5	Mild	Firm		Excellent
BENTON#	Strong	Firm		Good
13S-3-13/M	Mild	Firm		Excellent
SONNET/M	Mild	Firm	9	Excellent
SAM/6	Strong	Soft	8	Good
NY304/7	Mild	Firm	8	Good
NY412068/6	Mild	Firm	7	Good
BING/5	Mild	Soft	9	Good
BING/6	Strong	Firm	8	Good
BING/M	Strong	Firm	9	Good
VAN/7	Strong	Firm	9	Excellent
CRYSTALINA/M	Mild	Firm	9	Good
SANDRAROSE/M	Mild	Firm	9.5	Good
PC 8008-5	Strong	Firm	9	Good
PC 8008-8/6	Strong	Firm	10	Excellent
SCHNIEDER/M	Strong	Firm	9	Good
PC 8011-7/M	Mild	Soft	8.5	Fair
RAINIER/7	Mild	Soft	8.5	Good
SONATA/M	Strong	Firm	9	Excellent
ATTIKA/M	Mild	Firm	9.3	Good
SYLVIA/M	Mild	Soft	8.75	Good
NY270/6	Mild	Firm	8	Good

	Informal Evaluation			
Cultivar Selection/ Rootstock	Taste (Mild/ Strong)	Texture (Soft/ Firm)	Appearance (1-10)	Overall Evaluation (Poor- Excellent)
NY252/6	Strong	Firm	9	Excellent
0900 ZIRAAT//5	Mild	Soft	8	Good
0900 ZIRAAT/5				
0900 ZIRAAT/5				
NY2131/7	Strong	Soft		Fair
NY007/7				
PC 8012-9/M				
LAPINS/M	Mild	Firm	8.75	Good
REDLAC/M	Strong	Soft	8.5	Good
SKEENA/M	Strong	Firm	9	Good
SKEENA/M	Strong	Firm	9	Good
REGINA/M	Mild	Firm	9	Excellent
REGINA/M	Strong	Firm	9	Excellent
SWEETHEART/6	Mild	Firm	8	Good
SWEETHEART/M	Strong	Soft	8	Good
13S-16-29/M	Mild	Firm	8.5	Good
SYMPHONY/M	Mild	Firm	8.75	Excellent
13S-42-49/6	Strong	Firm	8.5	Fair
NY415311/7	Mild	Soft	9.6	Good
STACCATO/M	Mild	Soft	8.4	Good
13S-21-1/M	Mild	Firm	8.5	Good

L.E.Long

Oregon State University Extension
The Dalles, Oregon 97058, USA

R. Núñez-Elisea

Oregon State University
Mid-Columbia Agri. Research & Extension Center
Hood River, Oregon 97031, USA

P.S. Manning

Oregon State University Extension
The Dalles, Oregon 97058, USA

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