

Sample Date
3/24/2011



BUD KILL

Variety	Map Location #	Stage	Control	28	26	24	22
Mid Valley Bing	12	2+	0%	0%	0%	4%	39%
			1 233	0 182	0 71	5 122	76 196
Wapato Sci Fresh	14	2	0%	0%	5%	7%	10%
			0 55	0 108	4 82	5 72	8 78
Mid Valley Chelan	11	2+	0%	0%	8%	9%	57%
			0 100	0 88	13 167	16 181	66 116
Mid Valley Duke	12		3%	0%	6%	11%	
			3 108	0 152	7 126	18 171	0 0
Wapato Supreme	14	4	14%	0%	7%	33%	30%
			3 22	0 29	2 29	9 27	9 30
Wapato Rich Lady	14	4	0%	0%	10%	23%	29%
			0 29	0 39	3 29	7 30	9 31
Mid Valley Gala	12	2+	0%	0%	14%	19%	36%
			0 74	0 42	8 58	7 36	13 36
Mid Valley Bartletts	12	2	4%	2%	0%	14%	5%
			2 53	1 47	0 56	8 59	3 63
Selah Naches Sweethearts	12	1	4%	0%	1%	1%	4%
			3 85	0 151	1 103	2 158	4 113

The provided information shows percent bud damage at various temperatures in the bud wood selected. This information may not indicate the exact temperature sensitivity of the buds in your orchard. Location, variety, tree health, tree age, rootstock, cultural practices, dew point, and duration of cold can all have an influence on critical temperatures.

Another historical reference to consider when making your critical temperature decision would be the Critical Temperature for Blossom Buds. This can be accessed at: <http://treefruit.yakima.wsu.edu> under **Tree Fruit Bud Charts.

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Pasco Snow Giant	6	4	0%	5%	54%	68%	100%
			0 11	1 20	13 24	17 25	16 16
Pasco Sweet Dream	6	4	0%	14%	6%	61%	57%
			0 30	3 21	2 35	14 23	17 30
Pasco Summer Sweet	6	4	53%	10%	41%	56%	88%
			8 15	3 30	7 17	10 18	14 16
Pasco Summer Blush	6	3+	10%	0%	35%	60%	100%
			3 30	0 13	9 26	9 15	19 19
Pasco Gala	10	2	8%	0%	8%	4%	17%
			6 72	0 57	5 66	1 25	6 35
Ice Harbor Pinklady	7	2	0%	0%	3%	12%	47%
			0 41	0 29	1 39	5 42	15 32
Wallula Chelan	1	3+	0%	0%	21%	46%	80%
			0 73	0 97	29 138	55 120	49 61
Wallula Pink Lady	1	2+	6%	0%	11%	51%	26%
			3 51	0 67	4 38	27 53	11 42
Wallula Gala	1	3	0%	0%	11%	0%	62%
			0 45	0 36	5 44	0 47	21 34
Ice Harbor Chelan	4	3	2%	0%	62%	26%	89%
			1 41	0 22	24 39	8 31	47 53
Ice Harbor Bing	4	2	11%	3%	9%	11%	
			8 71	1 35	5 58	6 55	19 28

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Wenas Lapin		1+	11%	1%	1%	1%	21%
			18 160	1 164	1 156	1 130	10 48
Wenas Sweethearts		1+	2%	1%	4%	5%	12%
			7 295	3 232	10 237	10 190	12 102
Prosser Bing	9	2+	0%	0%	13%	2%	13%
			0 216	0 180	10 78	2 133	21 168
Prosser Chelans	9	1+	0%	0%	5%	13%	14%
			0 153	0 159	6 129	16 128	16 118
Benton City Bing	8	2+	0%	0%	0%	9%	25%
			0 16	0 50	0 102	5 58	27 110
Benton City Chelan	8	3	0%	0%	46%	24%	14%
			0 87	0 88	21 46	36 151	13 95
Kennewick Chelans	5	3+	0%	0%	31%	39%	69%
			0 68	0 81	33 108	41 106	43 62
Kennewick Bing	5	2+	0%	0%	33%	31%	39%
			0 66	0 121	24 73	15 49	39 99
Mattawa Chelans	21	2+	0%	0%	5%	18%	48%
			0 64	0 127	5 96	18 99	102 214
Mattawa Benton	21	2+	5%	1%	5%	13%	48%
			5 93	1 146	11 241	21 160	91 188
Mattawa Pink Lady	21	2	0%	0%	4%	8%	18%
			0 37	0 36	2 48	4 50	9 51
Mattawa Fuji	21	2	0%	0%	0%	2%	18%
			0 54	0 88	0 70	1 58	9 51
Finley Rainiers	5	3+	14%	7%	19%	16%	59%
			10 71	6 83	16 84	10 61	54 91

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