

Sample Date
4/7/2011



BUD KILL

Variety	Map Location #	Stage	Control	27	25	23	21
Ice Harbor Gala	4	4	0% 0 51	67% 46 69	100% 40 40	78% 31 40	96% 27 28
Ice Harbor Pink Lady	4	4	0% 0 12	0% 0 25	38% 3 8	78% 25 32	82% 28 34
Mattawa Fuji	21	4	0% 0 59	0% 0 56	19% 7 37	59% 32 54	76% 25 33
Mattawa Pink Lady	21	4	0% 0 39	11% 4 38	3% 1 37	61% 27 44	82% 51 62
Quincy Sweet Heart	23	3	0% 0 55	0% 0 67	12% 9 77	66% 45 68	92% 123 133
Quincy Cots	23	5	0% 0 33	5% 2 37	5% 2 38	65% 26 40	63% 37 59
Upper Valley Sweet Heart 10	17	3	5% 2 43	0% 0 41	4% 3 79	7% 2 30	14% 11 80
Upper Valley Sweet Heart 1	17	3	0% 0 33	0% 0 68	0% 0 92	14% 7 49	38% 26 68
Royal City Fuji	22	3	0% 0 48	3% 1 38	5% 2 42	21% 10 48	65% 28 43
Royal City Gala	22	2	0% 0 0	4% 2 49	10% 3 30	24% 14 58	46% 23 50

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**Another historical reference to consider when making your critical temperature decision would be the WSU Critical Temperature for Blossom Buds.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

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Mid Valley Gala	11	4	0%	0%	80%	95%	100%
			0 29	0 24	41 51	21 22	27 27
Mid Valley Bartletts	11	3+	0%	8%	0%	23%	54%
			0 36	3 39	0 41	22 97	22 41
Zillah Duke	11		0%	10%	15%	26%	58%
			0 60	13 135	17 117	29 110	65 113
Wapato Sci-Fresh	14	4	2%	12%	46%	78%	92%
			1 55	11 93	27 59	32 41	48 52
Pasco Gala	6	4+	0%	0%	4%	53%	100%
			0 37	0 33	3 75	32 60	42 42
Pasco Granny	6	4+	0%	0%	22%	6%	42%
			0 35	0 28	11 49	6 108	27 65
Ice Harbor Fuji	4	3+	0%	6%	63%	94%	91%
			0 46	4 72	34 54	49 52	64 70
Ice Harbor Golden	4	3+	0%	0%	35%	76%	88%
			0 39	0 50	24 68	44 58	49 56
Ice Harbor Reds	4	3+	0%	0%	64%	96%	98%
			0 63	0 45	32 50	73 76	45 46
Ice Harbor Granny	4	4	0%	4%	56%	27%	36%
			0 42	1 28	9 16	8 30	17 47

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