



**G.S. Long Bud Hardiness Benchmark  
February 23, 2022**

The information provided in this report shows percent bud damage at various temperatures. These temperatures are based on Washington State University bud charts and may not match the temperature sensitivity of buds at your location. Location, variety, health, vigor and cultural practices of your orchard can all influence critical temperatures. Whereas the information below is believed to be accurate, G.S. Long Co., Inc. makes no guarantee of such.

Location	Fruit	Variety	Bud Stage	Check	Note: % based on New Kill			
					% Kill @ 13°F	% Kill @ 10°F	% Kill @ 7°F	% Kill @ 4°F
Mattawa	Cherry	Chelans	0-1	3%	1%	2%	3%	3%
Mattawa	Cherry	Skeena	1	2%	1%	0%	1%	2%
Mattawa	Cherry	Coral Champagne	1	2%	1%	1%	1%	2%
Pasco	Cherry	Chelans	0-1	2%	2%	3%	4%	3%
North Pasco	Apricots	Roboda	2	22%	1%	2%	5%	19%
North Pasco	Apricots	Roboda	1-2	42%	0%	3%	4%	33%
North Pasco	Peaches	Ice Princess	1	20%	18%	20%	30%	33%
North Pasco	Peaches	Grand Bright	1-2	9%	0%	2%	9%	13%
Pasco	Peaches	Snow Giant	1	8%	5%	6%	9%	8%