



G.S. Long Bud Hardiness Benchmark
February 7, 2025

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 @ 16°F	% Kill @ 13°F	% Kill @ 10°F	% Kill @ 7°F
North Pasco	Nectarines	Summer Blush	0-1	3%	0%	0%	1%	2%
North Pasco	Cherry	Chelan	0	1%	0%	0%	1%	1%
North Pasco	Cherry	Rainier	0	1%	0%	0%	0%	0%
Mattawa	Cherry	Chelan	0	0%	0%	0%	1%	1%
Mattawa	Cherry	Rainier	0	1%	0%	0%	0%	3%
Grandview	Cherry	Skeena	0	0%	0%	0%	1%	2%
Wapato	Cherry	Rainier	0	0%	0%	0%	0%	0%
Wapato	Apricot	Robada	0-1	2%	1%	2%	2%	8%