



G.S. Long Bud Hardiness Benchmark
March 12, 2024

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.

					Note: % based on New Kill			
Location	Fruit	Variety	Bud Stage	Check	% Kill @ 29°F	% Kill @ 26°F	% Kill @ 23°F	% Kill @ 20°F
North Pasco	Cherry	Chelan	1-2	5%	1%	3%	9%	37%
Finley	Cherry	Early Robin	2	2%	1%	1%	18%	39%
Mattawa	Cherry	Rainier	2	15%	2%	3%	14%	14%
Benton City	Cherry	Benton	1	1%	0%	0%	3%	3%
Benton City	Cherry	Chelan	2	0%	0%	5%	12%	34%
Roosevelt	Cherry	Black Pearl	2	10%	0%	1%	14%	29%
Roosevelt	Cherry	Chelan	1	7%	1%	5%	18%	27%
Zillah	Cherry	Coral Champagne	1	2%	0%	2%	1%	7%
West Valley	Cherry	Sweetheart	1-2	8%	0%	1%	3%	12%