



G.S. Long Bud Hardiness Benchmark
March 15, 2023

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 @ 24°F	% Kill @ 21°F	% Kill @ 18°F	% Kill @ 15°F
Mattawa	Cherry	Chelan	0-1	1%	0%	0%	1%	2%
Mattawa	Cherry	Coral Champagne	1	2%	1%	1%	2%	3%
Mattawa	Cherry	Tip Top	1	2%	1%	1%	2%	1%
Finley	Cherry	Rainier	2	6%	3%	6%	19%	32%
North Pasco	Cherry	Sweetheart	1	4%	1%	1%	4%	3%
North Pasco	Cherry	Chelan	1-2	2%	2%	2%	5%	8%
Wapato	Cherry	Chelan	0-1	1%	0%	2%	2%	3%
Wapato	Cherry	Rainiers	1	6%	1%	2%	3%	3%
South Kennewick	Apple	Pink Lady	1-2	0%	0%	1%	3%	3%
North Pasco	Peach	Snow Giant	1-2	8%	2%	3%	3%	5%
West Valley	Apricot	Robada	0-1	6%	4%	4%	10%	24%