



G.S. Long Bud Hardiness Benchmark
March 29, 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.

Location	Fruit	Variety	Bud Stage	Check	Note: % based on New Kill			
					% Kill @ 27°F	% Kill @ 24°F	% Kill @ 21°F	% Kill @ 18°F
***Mattawa	Cherry	Chelan	3	29%	40%	44%	56%	54%
Mattawa	Cherry	Coral Champagne	2-3	3%	13%	18%	44%	68%
Etopia	Cherry	Chelan	3	3%	1%	15%	30%	35%
North Pasco	Cherry	Chelan	3	2%	1%	21%	30%	60%
***Wapato	Cherry	Early Robin	3	45%	57%	54%	67%	71%
West Valley	Cherry	Skeena	1-2	12%	0%	2%	4%	12%
West Valley	Apricots	Robada	3	6%	3%	5%	6%	8%
Finley	Apple	Wildfire Gala	3	0%	0%	17%	33%	51%
Naches Heights	Blubberies	Cargo	2	3%	1%	0%	0%	7%

***Total Death Recorded