



**G.S. Long Bud Hardiness Benchmark**  
**March 21, 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.

Location	Fruit	Variety	Bud Stage	Check	Note: % based on New Kill			
					% Kill @ 30°F	% Kill @ 27°F	% Kill @ 24°F	% Kill @ 21°F
North Pasco	Cherry	Skeena	3	1%	0%	67%	82%	94%
North Pasco	Apple	Pink Lady	4	0%	0%	0%	1%	12%
Mattawa	Cherry	Chelan	4-5	3%	1%	22%	84%	97%
Zillah	Cherry	Coral Champagne	3	10%	0%	6%	60%	90%
Selah Heights	Blueberry	Draper	2-3	1%	0%	0%	0%	2%
Naches Heights	Blueberry	Cargo	2-3	1%	0%	0%	1%	3%
West Valley	Cherry	Sweetheart	3-4	7%	0%	8%	93%	96%