



G.S. Long Bud Hardiness Benchmark
April 5, 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 @ 26°F	% Kill @ 23°F	% Kill @ 20°F	% Kill @ 17°F
North Pasco	Apple	Pink Lady	3-4	2%	9%	13%	23%	32%
North Pasco	Apple	Gala	3-4	0%	6%	14%	18%	22%
Mattawa	Apple	Pink Lady	3-4	2%	1%	8%	10%	17%
Zillah	Cherry	Chelan	3	1%	14%	21%	36%	48%
Wapato	Cherry	Rainier	3	6%	11%	43%	55%	64%
Moxee	Cherry	Coral Champagne	2-3	1%	5%	13%	22%	39%
Moxee	Cherry	Skeena	2-3	5%	6%	24%	46%	57%