



**G.S. Long Bud Hardiness Benchmark  
March 8, 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.

					<b>Note: % based on New Kill</b>			
<b>Location</b>	<b>Fruit</b>	<b>Variety</b>	<b>Bud Stage</b>	<b>Check</b>	<b>% Kill @ 21°F</b>	<b>% Kill @ 18°F</b>	<b>% Kill @ 15°F</b>	<b>% Kill @ 12°F</b>
Mattawa	Cherry	Chelan	0-1	1%	0%	1%	1%	1%
Mattawa	Cherry	Coral Champagne	0-1	1%	0%	1%	1%	1%
Roosevelt	Cherry	Black Pearl	0-1	4%	0%	2%	1%	3%
Roosevelt	Cherry	Chelans	0-1	1%	0%	0%	1%	2%
North Pasco	Cherry	Sweetheart	0-1	6%	0%	1%	1%	3%
North Pasco	Cherry	Chelan	0-1	1%	0%	1%	1%	1%
Zillah	Cherry	Coral Champagne	0-1	3%	2%	2%	1%	1%
Wapato	Cherry	Chelans	0-1	16%	2%	2%	3%	6%
Wapato	Cherry	Early Robin	0-1	14%	2%	1%	2%	9%
Selah	Cherry	Sweetheart	0-1	1%	0%	0%	2%	2%
Moxee	Cherry	Coral Champagne	0-1	2%	0%	1%	1%	1%
North Pasco	Peach	Snow Giant	1	5%	1%	5%	9%	13%