



**G.S. Long Bud Hardiness Benchmark**  
**February 21, 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 @ 17°F</b>	<b>% Kill @ 14°F</b>	<b>% Kill @ 11°F</b>	<b>% Kill @ 8°F</b>
Mattawa	Cherry	Chelan	0-1	0%	2%	2%	1%	2%
Mattawa	Cherry	Coral Champagne	0-1	1%	2%	0%	2%	1%
Finley	Cherry	Bing	1	1%	1%	1%	1%	1%
Finley	Cherry	Coral Champagne	0-1	0%	4%	2%	2%	3%
Benton City	Cherry	Coral Champagne	0-1	1%	0%	0%	1%	1%