

## Grapevine Bud Hardiness in the Okanagan and Similkameen Valleys, BC, 2023-2024. Steve Marsh, Agriculture and Agri-Food Canada, Summerland, BC.

Variety	Location	sample day	Avg LTE50 (Nov 15,16)	Avg LTE50 (Nov 29,30)	Avg LTE50 (Dec 13,14)	Avg LTE50 (Jan 10,11)	Avg LTE50 (Jan 24,25)	Avg LTE50 (Feb 7,8)	Avg LTE50 (Feb 21,22)	Avg LTE50 (Mar 6,7)	Avg LTE50 (Mar 20,21)
Cabernet Franc	North Kelowna	Wed	-17.6								
Cabernet Franc	Similkameen	Thurs	-22.5								
Cabernet Sauvignon	Similkameen	Thurs	-19.9								
Chardonnay	West Kelowna	Wed	-19.6								
Chardonnay	East Kelowna	Wed	-19.7								
Chardonnay	Similkameen	Thurs	-22.8								
Chenin blanc	Peachland	Wed	-20.9								
Marechal Foch	East Kelowna	Wed	-25.3								
Merlot	Similkameen	Thurs	-18.9								
Muscat	Peachland	Wed	-22.6								
Petit Verdot	Similkameen	Thurs	-20.9								
Pinot gris	East Kelowna	Wed	-22.2								
Pinot gris	Similkameen	Thurs	-21.4								
Pinot noir	East Kelowna	Wed	-22.9								
Pinot noir	East Kelowna	Wed	-22.2								
Pinot noir	East Kelowna	Wed	.								
Riesling	East Kelowna	Wed	-22.6								
Riesling	East Kelowna	Wed	-21.0								
Syrah	Similkameen	Thurs	-18.9								
Teroldego	Similkameen	Thurs	-20.0								

LTE: Lethal temperature exotherm (°C). AVG LTE50: Average lethal temperature exotherm at 50% bud mortality for buds collected from 3 vines at selected sites in the Okanagan and Similkameen Valleys.