



## 2013/14 Cold Hardiness Testing of Grape Buds in Niagara

### MERLOT



Appellation	Location	Date	BUD LT 10% °C	BUD LT 50% °C	BUD LT 90% °C
Niagara Lakeshore	NL1	18-Feb-14	-18.6	-21.2	-22.5
St. David's Bench	SDB1	26-Feb-14	-18.8	-20.4	-23.3
Creek Shores	CS1	19-Feb-14	-19.6	-21.6	-23.8
Lincoln Lakeshore	LL2	26-Feb-14	-18.5	-20.5	-22.9

BUD LT10 is the temperature (degrees Celsius) at which 10% of the primary buds will be killed. BUD LT 50 and BUD LT 90 refer to 50% and 90% bud damage respectively. Vine hardiness ratings are site specific and may vary depending on your specific environmental conditions, overall vine health and viticultural practices. KCMS is not responsible for any damage from the use or misuse of this information.