

Winter Injury Studies 2006/07

Grape Bud Survival

April 16, 2007

Research Team

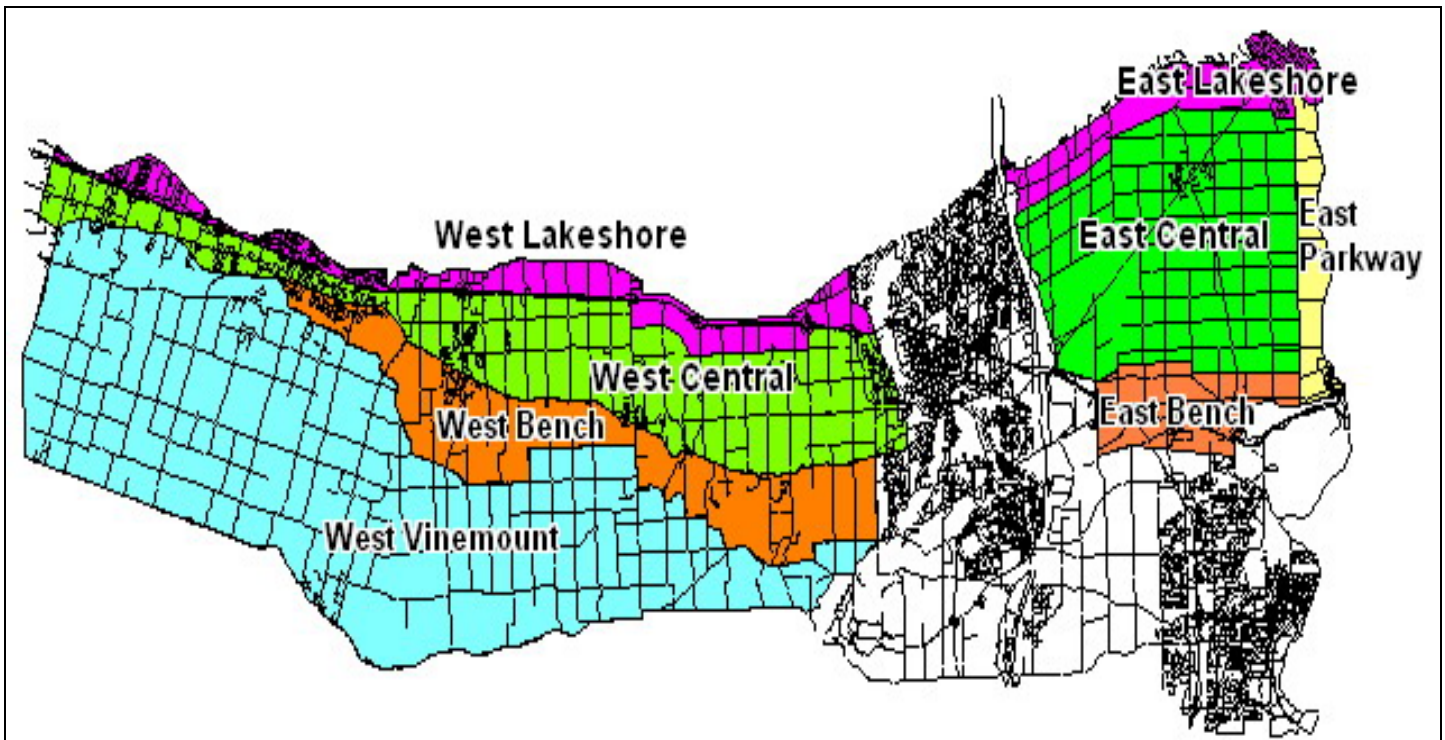
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Grape bud sampling to establish winter survival is part of the 3 year - CanAdvance and CRESTech funded Winter Injury and Wind Machine project. The tables in this article report the sampling results based on the bud collection during the week of April 16, 2007. However, the percent alive may vary up or down from the last sample due to the variation in the samples taken. The tables below are based on multiple samples and multiple sites within in area for each cultivar.



% Live Buds - Labrusca – April 16-18, 2007 (NS means no sample taken)

Cultivar	Location	East of Canal	West of Canal
Concord	Vinemount	NS	87
Niagara	Vinemount	NS	92

% Live Buds - Hybrids – April 16-18, 2007 (NS means no sample taken)

Cultivar	Location	East of Canal	West of Canal
Baco Noir	Central	NS	95
	Parkway	NS	NS
Foch	Central	NS	88
	Vinemount	NS	79
Vidal	Central	75	81-88
	Parkway	84	NS
	Vinemount	NS	92-97

% Live Buds - Vinifera – April 16-18, 2007 (NS means no sample taken)

Cultivar	Location	East of Canal	West of Canal
Cabernet Franc	Bench	99	65-88
	Central	85-91	67-93
	Lakeshore	78	NS
	Parkway	78-84	NS
	Vinemount	NS	87
Cabernet Sauvignon	Central	NS	97
	Lakeshore	NS	82
	Parkway	NS	NS
Chardonnay	Bench	95	82
	Central	83-89	73-92
	Lakeshore	78	NS
	Parkway	72	NS
	Vinemount	NS	87
Gamay	Parkway	NS	NS
	Merlot	Bench	100
Pinot Noir	Central	NS	80
	Lakeshore	92	71
	Parkway	80	NS
	Vinemount	NS	97
	Bench	100	73-96
Riesling	Central	90	64-87
	Lakeshore	NS	91
	Parkway	87	NS
	Vinemount	NS	54-85
	Bench	97	68-82
Sauvignon Blanc	Central	85-91	71-97
	Lakeshore	48-76	84
	Parkway	77-81	NS
	Vinemount	NS	66-93
	Central	82	57
Syrah	Lakeshore	NS	NS
	Lakeshore	NS	55
	Parkway	NS	NS