

# Winter Injury Studies 2006/07 Grape Bud Survival January 29, 2007

## Research Team

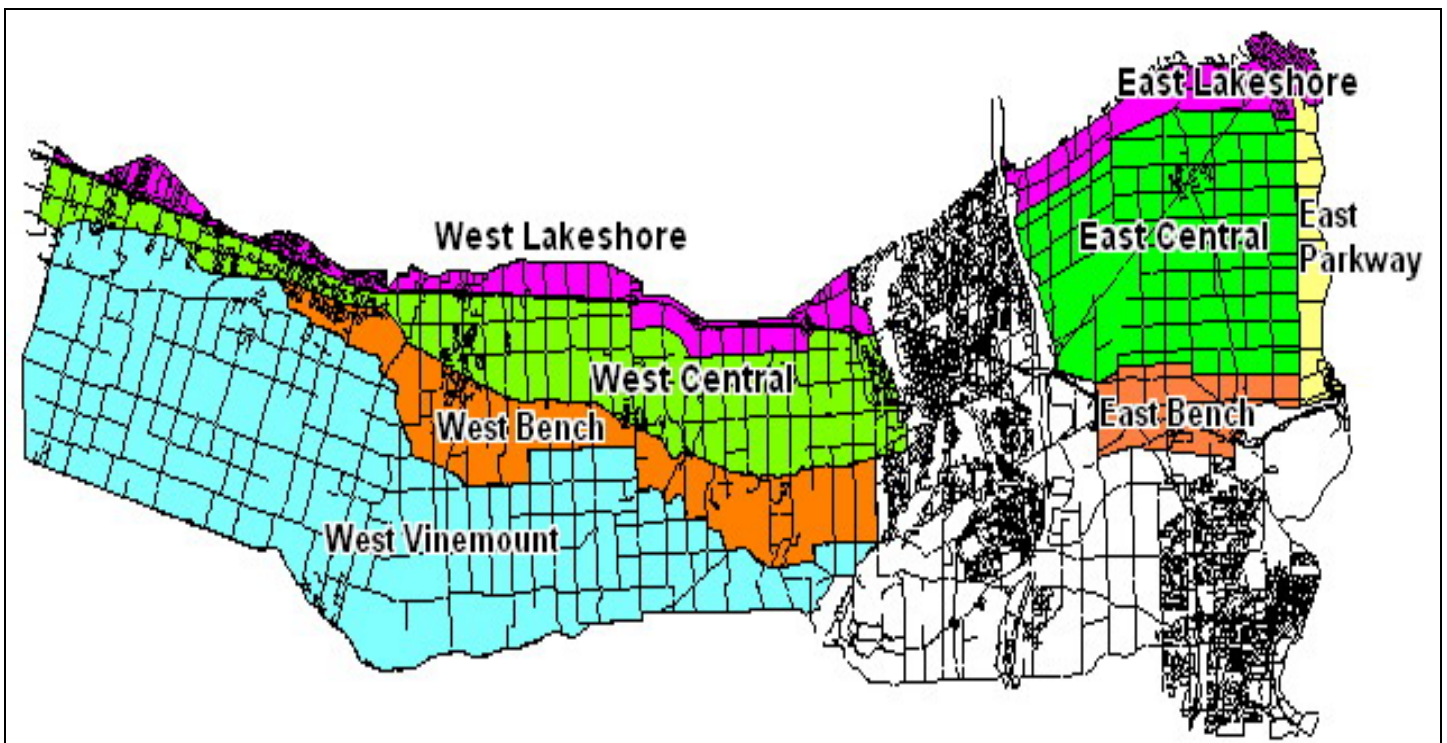
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Grape bud sampling to establish winter survival is part of the 3 year - CanAdvance and CRESTech funded Winter Injury and Wind Machine project. The tables in this article report the sampling results based on the bud collection during the week of January 29, 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 – Jan 29 – 31, 2007 (NS means no sample taken)**

Cultivar	Location	East of Canal	West of Canal
Concord	Vinemount	NS	97
Niagara	Vinemount	NS	95

**% Live Buds - Hybrids – Jan 29 – 31, 2007 (NS means no sample taken)**

Cultivar	Location	East of Canal	West of Canal
Baco Noir	Central	93	97
	Parkway	96	NS
Foch	Central	NS	85-94
	Vinemount	NS	92
Vidal	Central	89-93	94-98
	Lakeshore	NETS	NS
	Parkway	90-97	NS
	Vinemount	NS	87

**% Live Buds - Vinifera – Jan 29 – 31, 2007 (NS means no sample taken)**

Cultivar	Location	East of Canal	West of Canal
Cabernet Franc	Bench	94-99	88-95
	Central	93-94	84-96
	Lakeshore	62-88	94
	Parkway	83-87	NS
	Vinemount	NS	86
Cabernet Sauvignon	Central	NS	93
	Lakeshore	NS	90
	Parkway	87	NS
Chardonnay	Bench	90-92	83-96
	Central	93-95	75-94
	Lakeshore	83-92	NS
	Parkway	87-90	NS
	Vinemount	NS	90
Gamay	Parkway	90	NS
Merlot	Bench	90-94	84-94
	Central	96	93-96
	Lakeshore	93	96
	Parkway	85-91	NS
	Vinemount	NS	92
Pinot Noir	Bench	89-94	79-90
	Central	89	25-88
	Lakeshore	97	83-94
	Parkway	85	NS
	Vinemount	NS	82-83
Riesling	Bench	80-89	72-88
	Central	78	74-89
	Lakeshore	63-78	92
	Parkway	69-80	NS
	Vinemount	NS	66-99
Sauvignon Blanc	Central	79	91
	Lakeshore	78	NS
Syrah	Lakeshore	NS	75
	Parkway	26	NS