

Winter Injury Studies 2006/07

Grape Bud Survival

February 26, 2007

Research Team

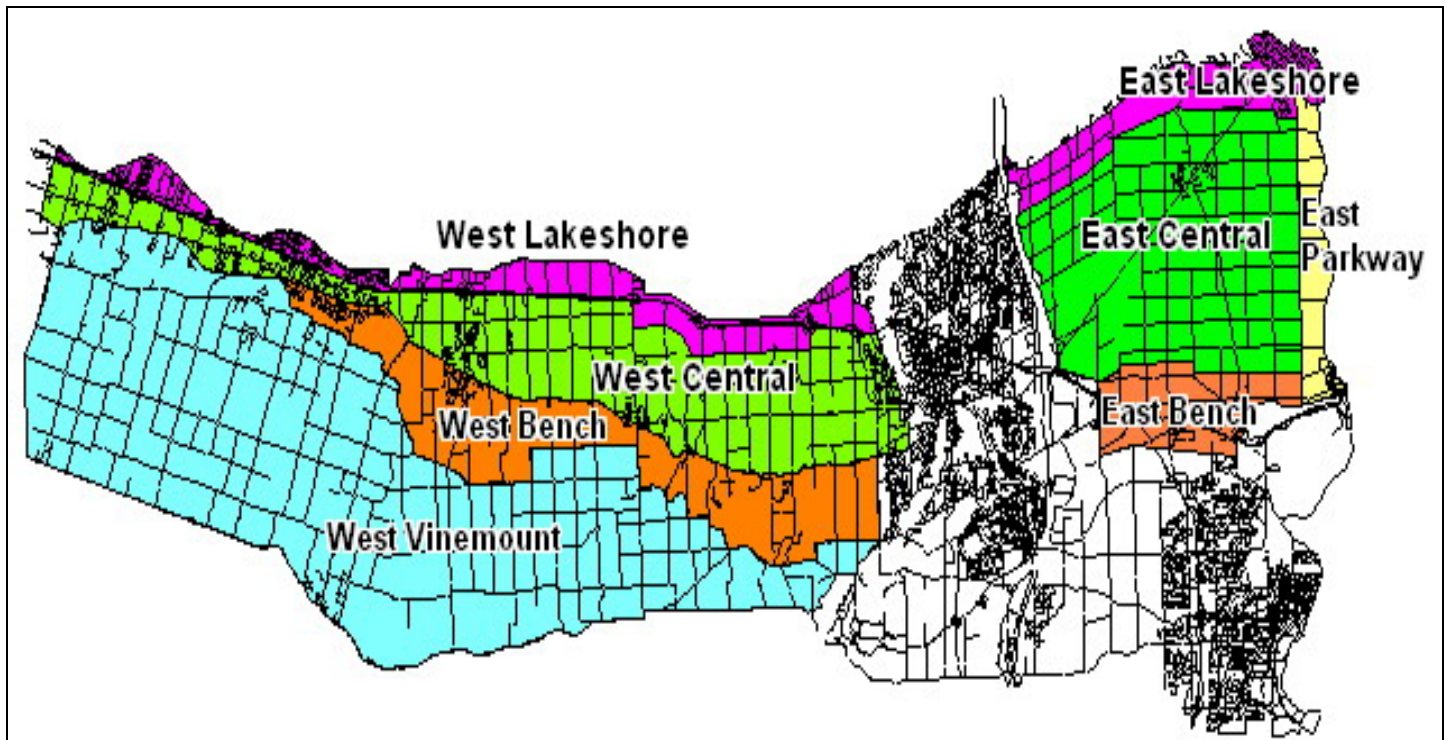
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Grape bud sampling to establish winter survival is part of the 3 year - CanAdvance and CRESTech funded Winter Injury and Wind Machine project. The tables in this article report the sampling results based on the bud collection during the week of February 26, 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 – Feb 26-28, 2007 (NS means no sample taken)

Cultivar	Location	East of Canal	West of Canal
Concord	Vinemount	NS	91
Niagara	Vinemount	NS	88

% Live Buds - Hybrids – Feb 26-28, 2007 (NS means no sample taken)

Cultivar	Location	East of Canal	West of Canal
Baco Noir	Central	98	95
	Parkway	85	NS
Foch	Central	NS	70-79
	Vinemount	NS	83
Vidal	Central	77-91	70-71
	Lakeshore	91	NS
	Parkway	86-75	NS
	Vinemount	NS	92

% Live Buds - Vinifera – Feb 26-28, 2007 (NS means no sample taken)

Cultivar	Location	East of Canal	West of Canal
Cabernet Franc	Bench	96-99	70-91
	Central	83-98	68-96
	Lakeshore	75-93	75
	Parkway	78-89	NS
	Vinemount	NS	82-92
Cabernet Sauvignon	Central	NS	95
	Lakeshore	NS	80
	Parkway	95	NS
Chardonnay	Bench	96-97	81-88
	Central	88-93	84-97
	Lakeshore	81-89	NS
	Parkway	90-97	NS
	Vinemount	NS	87
Gamay	Parkway	95	NS
Merlot	Bench	93-99	78-89
	Central	89	84-95
	Lakeshore	93	72-95
	Parkway	81-96	NS
	Vinemount	NS	93
Pinot Noir	Bench	89-99	83-92
	Central	81	72-96
	Lakeshore	88	89
	Parkway	85	NS
	Vinemount	NS	70-86
Riesling	Bench	89-91	78-89
	Central	74-79	68-96
	Lakeshore	62	75
	Parkway	80-84	NS
	Vinemount	NS	82-97
Sauvignon Blanc	Central	80	74
	Lakeshore	92	NS
Syrah	Lakeshore	NS	57
	Parkway	53	NS