

Winter Injury Studies 2006/07

Grape Bud Survival

March 19, 2007

Research Team

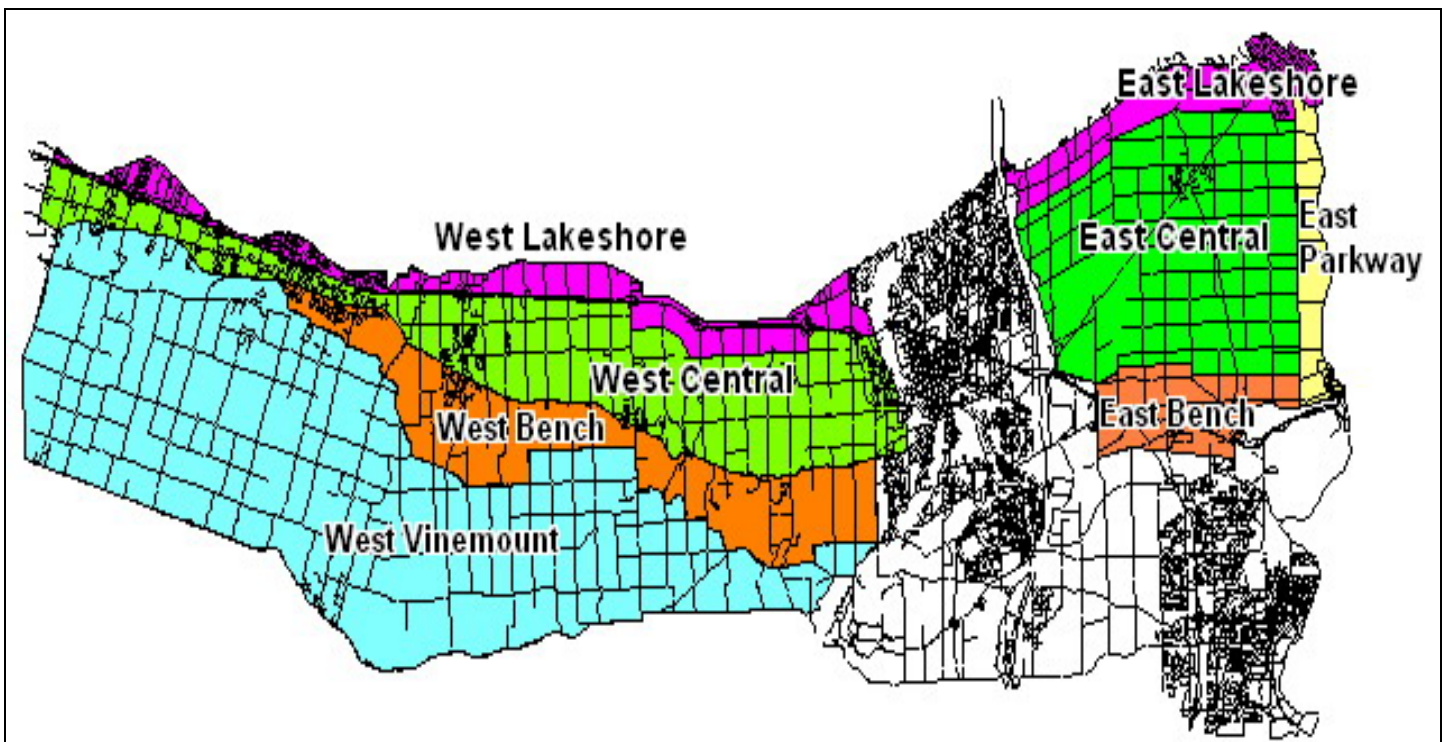
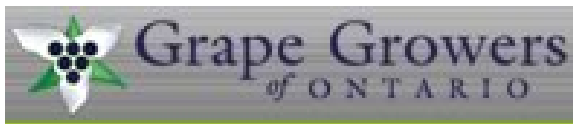
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Grape bud sampling to establish winter survival is part of the 3 year - CanAdvance and CRESTech funded Winter Injury and Wind Machine project. The tables in this article report the sampling results based on the bud collection during the week of March 19, 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 – March 19-22, 2007 (NS means no sample taken)

Cultivar	Location	East of Canal	West of Canal
Concord	Vinemount	NS	96
Niagara	Vinemount	NS	94

% Live Buds - Hybrids – March 19-22, 2007 (NS means no sample taken)

Cultivar	Location	East of Canal	West of Canal
Baco Noir	Central	80	90
	Parkway	80	NS
Foch	Central	NS	75-78
	Vinemount	NS	90
Vidal	Central	68-79	74-78
	Parkway	84-90	NS
	Vinemount	NS	66-76

% Live Buds - Vinifera – March 19-22, 2007 (NS means no sample taken)

Cultivar	Location	East of Canal	West of Canal
Cabernet Franc	Bench	83-99	77-95
	Central	80-97	79-97
	Lakeshore	75-85	81
	Parkway	72-86	NS
	Vinemount	NS	63
Cabernet Sauvignon	Central	NS	95
	Lakeshore	NS	75
	Parkway	83	NS
Chardonnay	Bench	86-97	76-89
	Central	85-86	78-88
	Lakeshore	74-81	NS
	Parkway	67-75	NS
	Vinemount	NS	96
Gamay	Parkway	92	NS
Merlot	Bench	80-99	64-92
	Central	65	88-100
	Lakeshore	82	84-85
	Parkway	74-77	NS
	Vinemount	NS	89
Pinot Noir	Bench	79-97	77-95
	Central	69	68-96
	Lakeshore	91	73-82
	Parkway	81	NS
	Vinemount	NS	66-72
Riesling	Bench	74-97	65-76
	Central	84-85	72-97
	Lakeshore	76	84
	Parkway	77-84	NS
	Vinemount	NS	77-90
Sauvignon Blanc	Central	71	65
	Lakeshore	72	NS
Syrah	Lakeshore	NS	56
	Parkway	76	NS