



## Grape Bud Survival Results 2010/11

January 24 - February 4, 2011



Be aware that the most recent data in the below charts reflect samples that were collected from January 24, 2011 to February 4, 2011 and will only reflect the damage present up to each locations sample date.

### CHARDONNAY

APPELLATION	Wind Machine Influence	% Primary Buds Alive		
		17-Dec-10	21-Jan-11	24-Jan-11
Niagara River	Y	96	NS	<b>94</b>
	Y	96	NS	<b>70</b>
Four Mile Creek	N	97	NS	<b>40</b>
	Y	95	NS	<b>88</b>
Niagara Lakeshore	Y	93	NS	<b>68</b>
	Y	94	NS	<b>76</b>
St. David's Bench	Y	92	NS	<b>78</b>
	N	92	NS	<b>80</b>
Creek Shores	N	86	46	<b>53</b>
	N	86	10	<b>23</b>
Short Hills Bench	Y	85	67	<b>66</b>
	Y	82	NS	<b>72</b>
Twenty Mile Bench	Y	94	82	<b>70</b>
	N	93	NS	<b>68</b>
Lincoln Lakeshore	N	89	82	<b>74</b>
	N	92	NS	<b>68</b>
Beamsville Bench	N	87	NS	<b>82</b>
	N	86	NS	<b>66</b>
Vinemount Ridge	Y	95	NS	<b>21</b>
	N	92	NS	<b>50</b>

**CABERNET FRANC**

APPELLATION	Wind Machine Influence	% Primary Buds Alive		
		17-Dec-10	21-Jan-11	24-Jan-11
Niagara River	Y	96	NS	82
	Y	91	NS	66
Four Mile Creek	Y	93	NS	69
	Y	94	NS	85
Niagara Lakeshore	Y	94	NS	74
	Y	95	NS	83
St. David's Bench	Y	92	NS	83
	N	90	NS	92
Creek Shores	N	92	28	32
	Y	93	NS	44
Short Hills Bench	Y	91	66	71
	Y	92	NS	78
Twenty Mile Bench	Y	90	NS	85
	N	91	NS	74
Lincoln Lakeshore	N	91	74	78
	N	96	NS	74
Beamsville Bench	N	94	NS	57
	N	93	NS	77
Vinemount Ridge	Y	96	NS	77
	N	93	NS	48

**MERLOT**

APPELLATION	Wind Machine Influence	% Primary Buds Alive	
		21-Jan-11	24-Jan-11
Niagara Lakeshore	Y	NS	73
St. Davids Bench	Y	NS	88
Creek Shores	N	45	89
Lincoln Lakeshore	N	NS	67

**CAB SAUV**

APPELLATION	Wind Machine Influence	% Primary Buds Alive	
		21-Jan-11	24-Jan-11
Creek Shores	N	NS	72

**PINOT NOIR**

APPELLATION	Wind Machine Influence	% Primary Buds Alive	
		21-Jan-11	24-Jan-11
Niagara Lakeshore	N	NS	78
St. Davids Bench	Y	NS	80
Creek Shores	N	88	77
Twenty Mile Bench	Y	75	83

**SYRAH**

APPELLATION	Wind Machine Influence	% Primary Buds Alive	
		21-Jan-11	24-Jan-11
Niagara River	Y	NS	75
Creek Shores	N	42	36

**SAUV BLANC**

APPELLATION	Wind Machine Influence	% Primary Buds Alive	
		21-Jan-11	24-Jan-11
Niagara River	Y	NS	79
St. Davids Bench	Y	NS	67
Short Hills Bench	Y	66	59
Twenty Mile Bench	Y	78	71

**RIESLING**

APPELLATION	Wind Machine Influence	% Primary Buds Alive	
		21-Jan-11	24-Jan-11
Niagara River	Y	NS	87
Creek Shores	N	NS	65
Creek Shores	N	NS	75
Beamsville Bench	N	NS	74
Vinemount Ridge	N	NS	48



Brock University

