

Windsor 2011 Black Rot - Grape From 2011-08-09 To 2011-08-24

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
08/09	83.3	64.2	13.8	1.27	Infection Risk
08/10	87.0	67.7	8.0	2.65	Infection Risk
08/11	81.6	59.2	6.8	0.76	
08/12	83.2	55.1	10.5	0.76	
08/13	85.4	57.8	8.5	1.23	Infection Risk
08/14	69.6	65.5	21.0	3.47	Infection Risk
08/15	70.8	62.7	24.0	7.39	Infection Risk
08/16	75.9	60.5	12.5	8.28	Infection Risk
08/17	86.7	58.0	13.5	1.67	Infection Risk
08/18	84.8	62.4	10.5	2.00	Infection Risk
08/19	85.1	64.4	9.0	1.66	Infection Risk
08/20	88.5	65.3	9.8	1.38	Infection Risk
08/21	86.1	64.1	14.3	2.63	Infection Risk
08/22	78.4	63.2	4.3	3.37	Infection Risk
08/23	78.9	52.6	7.8	0.33	
08/24	67.2	56.7	8.0	1.09	Infection Risk

Windsor 2011 Botrytis - Grape From 2011-08-09 To 2011-08-24

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
08/09	83.3	64.2	13.8	12.8	0.80	Moderate Infection Risk
08/10	87.0	67.7	8.0	7.8	0.00	
08/11	81.6	59.2	6.8	3.8	0.00	
08/12	83.2	55.1	10.5	6.5	0.00	
08/13	85.4	57.8	8.5	7.8	0.00	
08/14	69.6	65.5	21.0	22.3	3.20	High Infection Risk
08/15	70.8	62.7	24.0	24.0	3.35	High Infection Risk
08/16	75.9	60.5	12.5	11.5	0.26	Low Infection Risk
08/17	86.7	58.0	13.5	9.5	0.45	Low Infection Risk
08/18	84.8	62.4	10.5	8.3	0.00	
08/19	85.1	64.4	9.0	8.3	0.00	
08/20	88.5	65.3	9.8	7.8	0.00	
08/21	86.1	64.1	14.3	16.8	1.54	High Infection Risk
08/22	78.4	63.2	4.3	4.5	0.00	
08/23	78.9	52.6	7.8	5.0	0.00	
08/24	67.2	56.7	8.0	7.8	0.00	

Windsor 2011 Downy Mildew - Grape From 2011-08-09 To 2011-08-24

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH	43-86	66-77	Risk	Warning
08/09	83.3	0.0	0.86	13.8	11.8	8.8	1	Primary Infection	
08/10	87.0	>min	0.01	8.0	7.8	7.8	3	High Risk of Infection	
08/11	81.6	>min		6.8	2.0	0.0	1	Possible Infection	
08/12	83.2	>min		10.5	5.3	0.0	1	Possible Infection	
08/13	85.4	>min		8.5	7.8	0.0	1	Possible Infection	
08/14	69.6	>min	0.62	21.0	22.0	19.3	3	High Risk of Infection	
08/15	70.8	>min	0.60	24.0	24.0	18.3	3	High Risk of Infection	
08/16	75.9	>min		12.5	11.3	0.0	1	Possible Infection	
08/17	86.7	>min		13.5	9.3	0.5	3	High Risk of Infection	
08/18	84.8	>min	0.01	10.5	8.3	1.3	3	High Risk of Infection	
08/19	85.1	>min		9.0	8.0	4.0	3	High Risk of Infection	
08/20	88.5	>min		9.8	6.0	3.0	3	High Risk of Infection	
08/21	86.1	>min		14.3	16.5	9.8	3	High Risk of Infection	
08/22	78.4	>min		4.3	4.3	4.3	3	High Risk of Infection	
08/23	78.9	>min		7.8	4.0	0.0	1	Possible Infection	
08/24	67.2	>min		8.0	7.8	0.0	1	Possible Infection	

Windsor 2011 Powdery Mildew - Grape From 2011-08-09 To 2011-08-24

Date	Temperature High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
08/09	83.3	72.0	12.5	0.0	13.5		
08/10	87.0	76.2	6.8	0.0	8.0	Heavy	
08/11	81.6	70.8	18.8	0.0	6.8		60 Heavy
08/12	83.2	69.0	11.5	0.0	10.5		80 Heavy
08/13	85.4	71.1	13.8	0.0	8.3		100 Heavy
08/14	69.6	67.4	0.0	0.0	18.8	Heavy	90 Heavy
08/15	70.8	67.1	1.0	0.0	24.0	Heavy	80 Heavy
08/16	75.9	66.3	7.3	0.0	12.3	Heavy	100 Heavy
08/17	86.7	72.0	4.0	0.0	13.5	Heavy	90 Heavy
08/18	84.8	73.0	15.8	0.0	9.5	Heavy	100 Heavy
08/19	85.1	74.1	13.3	0.0	8.8		100 Heavy
08/20	88.5	74.8	5.3	0.0	9.8		90 Heavy
08/21	86.1	72.5	15.3	0.0	12.5	Heavy	100 Heavy
08/22	78.4	70.6	10.5	0.0	4.3	Heavy	100 Heavy
08/23	78.9	65.7	9.8	0.0	7.8		100 Heavy
08/24	67.2	58.7	0.0	0.0	8.0		90 Heavy

Windsor 2011 Phomopsis Cane+Leaf Spot - Grape From 2011-08-09 To 2011-08-24

Date	Temp Mean	Wet Hours	Rain- Fall	Wet+ Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
08/09	72.0	14.0	0.86	9.3	69.0	38 Moderate	69 Moderate
08/10	76.2	8.0	0.01	15.3	69.6	77 Moderate	115 High
08/11	70.8	7.3	0.00	0.0	0.0	0	0
08/12	69.0	11.5	0.00	0.0	0.0	0	0
08/13	71.1	8.8	0.00	0.0	0.0	0	0
08/14	67.4	23.5	0.62	30.0	67.7	213 High	235 High
08/15	67.1	24.0	0.60	44.3	67.2	376 High	352 High
08/16	66.3	13.0	0.00	52.0	66.4	481 High	416 High
08/17	72.0	13.8	0.00	0.0	0.0	0	0
08/18	73.0	12.0	0.01	0.5	69.9	1 Light	3 Light
08/19	74.1	10.8	0.00	8.8	66.6	37 Moderate	65 Moderate
08/20	74.8	9.8	0.00	0.0	0.0	0	0
08/21	72.5	14.8	0.00	0.0	0.0	0	0
08/22	70.6	4.3	0.00	0.0	0.0	0	0
08/23	65.7	8.3	0.00	0.0	0.0	0	0
08/24	58.7	8.0	0.00	0.0	0.0	0	0

Wet+Rain is the number of rain-initiated leaf wetness hours

Wet Temp is the mean temperature during the rain-initiated wetness period

Disease Intensity projects the estimated lesions per leaf