

Windsor2010 Black Rot - Grape From 2010-05-20 To 2010-06-03

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
05/20	84.5	50.0	11.3	0.57	
05/21	86.9	55.1	7.8	0.95	
05/22	78.0	52.1	3.5	0.17	
05/23	78.8	58.3	6.3	0.40	
05/24	81.7	57.7	8.5	1.18	Infection Risk
05/25	90.3	59.1	8.3	1.04	Infection Risk
05/26	97.6	59.7	7.3	0.82	
05/27	79.0	59.0	6.0	1.01	Infection Risk
05/28	80.8	52.1	4.3	0.27	
05/29	79.7	55.5	10.3	1.25	Infection Risk
05/30	83.7	58.8	8.8	2.10	Infection Risk
05/31	82.3	58.4	6.5	0.93	
06/01	84.0	63.3	9.0	1.50	Infection Risk
06/02	84.8	60.2	8.0	2.52	Infection Risk
06/03	74.8	65.6	6.3	1.05	Infection Risk

Windsor2010 Downy Mildew - Grape From 2010-05-20 To 2010-06-03

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
05/20	84.5	0.0	0.01	11.3	7.8	0.0	1	Primary Infection
05/21	86.9	>min		7.8	2.8	0.0	1	Possible Infection
05/22	78.0	>min		3.5	0.0	0.0	0	
05/23	78.8	>min		6.3	0.8	0.0	1	Possible Infection
05/24	81.7	>min		8.5	7.3	0.0	1	Possible Infection
05/25	90.3	>min		8.3	6.0	0.0	1	Possible Infection
05/26	97.6	>min		7.3	1.3	0.0	1	Possible Infection
05/27	79.0	>min	0.27	6.0	1.5	0.0	1	Possible Infection
05/28	80.8	>min		4.3	0.0	0.0	0	
05/29	79.7	>min	0.12	10.3	0.3	0.0	0	
05/30	83.7	>min		8.8	6.5	0.0	1	Possible Infection
05/31	82.3	>min		6.5	0.0	0.0	0	
06/01	84.0	>min	1.07	9.0	5.8	5.0	3	High Risk of Infection
06/02	84.8	>min		8.0	7.8	0.3	1	Possible Infection

Windsor2010 Powdery Mildew - Grape From 2010-05-20 To 2010-06-03

Date	Temperature		Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
	High	Mean					
05/20	84.5	66.4	9.5	0.0	11.3		
05/21	86.9	68.5	4.8	0.0	7.8		
05/22	78.0	64.3	8.0	0.0	3.5		
05/23	78.8	66.3	8.0	0.0	5.8		
05/24	81.7	69.2	12.0	0.0	8.5		60 Heavy
05/25	90.3	74.0	5.3	0.0	8.3		50 Medium
05/26	97.6	79.6	3.8	4.8	7.0		40 Medium
05/27	79.0	68.0	12.3	0.0	5.8		60 Heavy
05/28	80.8	66.2	8.8	0.0	4.3		80 Heavy
05/29	79.7	66.5	7.3	0.0	10.3		100 Heavy
05/30	83.7	71.1	13.3	0.0	8.8	Heavy	100 Heavy
05/31	82.3	69.5	10.8	0.0	6.5		100 Heavy
06/01	84.0	69.9	8.3	0.0	9.0		100 Heavy
06/02	84.8	72.5	14.0	0.0	8.0	Heavy	100 Heavy

Windsor2010 Phomopsis Cane+Leaf Spot - Grape From 2010-05-20 To 2010-06-03

Date	Temp Mean	Wet Hours	Rain- Fall	Wet+ Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
05/20	66.4	11.3	0.01	1.5	59.8	3 Light	9 Light
05/21	68.5	7.8	0.00	0.0	0.0	0	0
05/22	64.3	4.3	0.00	0.0	0.0	0	0
05/23	66.3	7.5	0.00	0.0	0.0	0	0
05/24	69.2	9.3	0.00	0.0	0.0	0	0
05/25	74.0	8.3	0.00	0.0	0.0	0	0
05/26	79.6	7.8	0.00	0.0	0.0	0	0
05/27	68.0	6.0	0.27	6.0	64.7	22 Light	43 Moderate
05/28	66.2	5.5	0.00	0.0	0.0	0	0
05/29	66.5	10.5	0.12	7.3	67.3	28 Light	54 Moderate
05/30	71.1	9.5	0.00	15.0	64.1	83 Moderate	112 High
05/31	69.5	7.0	0.00	0.0	0.0	0	0
06/01	69.9	9.5	1.07	11.0	70.6	47 Moderate	81 Moderate
06/02	72.5	8.8	0.00	17.3	66.6	99 High	132 High
06/03	67.8	6.3	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