

Windsor 2011 Black Rot - Grape From 2011-06-22 To 2011-07-05

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
06/22	69.4	66.1	24.0	4.03	Infection Risk
06/23	68.5	62.9	24.0	7.79	Infection Risk
06/24	68.4	59.9	21.0	10.59	Infection Risk
06/25	79.2	56.4	12.8	11.37	Infection Risk
06/26	81.9	63.8	10.5	1.84	Infection Risk
06/27	86.9	59.0	8.5	1.24	Infection Risk
06/28	85.9	64.0	11.0	1.37	Infection Risk
06/29	82.1	65.0	8.0	1.97	Infection Risk
06/30	82.1	59.7	1.5	0.16	
07/01	81.1	52.5	9.8	0.61	
07/02	86.2	58.0	7.3	1.40	Infection Risk
07/03	74.0	62.8	20.3	3.34	Infection Risk
07/04	87.9	65.3	12.3	4.76	Infection Risk
07/05	75.5	60.7	7.3	1.65	Infection Risk

Windsor 2011 Downy Mildew - Grape From 2011-06-22 To 2011-07-05

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
06/22	69.4	0.0	0.63	24.0	23.5	23.5	1	Primary Infection
06/23	68.5	>min	0.61	24.0	22.0	11.5	3	High Risk of Infection
06/24	68.4	>min	0.08	21.0	18.0	0.0	1	Possible Infection
06/25	79.2	>min	0.53	12.8	12.5	3.3	3	High Risk of Infection
06/26	81.9	>min	0.01	10.5	8.3	1.0	3	High Risk of Infection
06/27	86.9	>min		8.5	6.3	0.0	1	Possible Infection
06/28	85.9	>min		11.0	4.8	1.8	3	High Risk of Infection
06/29	82.1	>min	0.12	8.0	6.8	6.8	3	High Risk of Infection
06/30	82.1	>min		1.5	0.0	0.0	0	
07/01	81.1	>min		9.8	0.0	0.0	0	
07/02	86.2	>min		7.3	5.3	0.0	1	Possible Infection
07/03	74.0	>min	0.11	20.3	11.0	7.5	3	High Risk of Infection
07/04	87.9	>min	0.01	12.3	8.0	6.8	3	High Risk of Infection
07/05	75.5	>min		7.3	5.3	0.0	1	Possible Infection

Windsor2011 Powdery Mildew - Grape From 2011-06-22 To 2011-07-05

Date	Temperature		Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial	
	High	Mean					Index	
06/22	69.4	67.6	0.0	0.0	24.0	Heavy		
06/23	68.5	65.9	0.0	0.0	24.0	Heavy		
06/24	68.4	63.6	0.0	0.0	20.3	Heavy		
06/25	79.2	65.5	7.5	0.0	12.5	Heavy		
06/26	81.9	71.5	13.3	0.0	10.5			
06/27	86.9	72.7	7.5	0.0	8.3		60	Heavy
06/28	85.9	74.7	16.0	0.0	11.0		80	Heavy
06/29	82.1	73.2	14.3	0.0	8.0		100	Heavy
06/30	82.1	70.8	12.0	0.0	0.8		100	Heavy
07/01	81.1	68.4	11.5	0.0	9.0		100	Heavy
07/02	86.2	72.3	13.8	0.0	7.3		100	Heavy
07/03	74.0	70.0	13.5	0.0	19.5	Heavy	100	Heavy
07/04	87.9	75.6	5.8	0.0	11.3	Heavy	90	Heavy
07/05	75.5	64.7	0.8	0.0	7.3		80	Heavy

Windsor 2011 Phomopsis Cane+Leaf Spot - Grape From 2011-06-22 To 2011-07-05

Date	Temp Mean	Wet Hours	Rain- Fall	Wet+ Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
06/22	67.6	24.0	0.63	14.0	67.5	72 Moderate	106 High
06/23	65.9	24.0	0.61	38.0	66.5	307 High	300 High
06/24	63.6	24.0	0.08	62.0	65.4	626 High	496 High
06/25	65.5	13.8	0.53	75.8	64.5	838 High	606 High
06/26	71.5	11.5	0.01	12.8	66.1	65 Moderate	96 High
06/27	72.7	9.0	0.00	0.0	0.0	0	0
06/28	74.7	12.0	0.00	0.0	0.0	0	0
06/29	73.2	8.0	0.12	7.0	68.4	26 Light	52 Moderate
06/30	70.8	5.0	0.00	0.0	0.0	0	0
07/01	68.4	10.5	0.00	0.0	0.0	0	0
07/02	72.3	8.0	0.00	0.0	0.0	0	0
07/03	70.0	22.8	0.11	13.3	71.7	58 Moderate	96 High
07/04	75.6	13.0	0.01	22.3	70.3	129 High	169 High
07/05	64.7	7.5	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