

Windsor Black Rot - Grape From 2012-06-01 To 2012-06-13

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
06/01	77.9	56.5	0.3	0.02	
06/02	63.2	54.9	20.3	1.86	Infection Risk
06/03	75.1	52.2	12.8	2.24	Infection Risk
06/04	58.6	51.2	2.8	0.93	
06/05	64.3	49.5	0.5	0.02	
06/06	72.1	48.8	15.8	1.20	Infection Risk
06/07	76.8	49.8	11.5	1.65	Infection Risk
06/08	83.3	53.4	8.8	0.90	
06/09	76.9	57.3	1.8	0.11	
06/10	85.8	58.7	7.3	0.88	
06/11	75.0	56.9		0.00	
06/12	73.9	57.9	6.8	0.95	
06/13	65.0	63.8	8.8	2.22	Infection Risk

Windsor Downy Mildew - Grape From 2012-06-01 To 2012-06-13

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
06/01	77.9	0.0	0.02	0.3	0.0	0.0	0	Primary Infection
06/02	63.2	>min	1.83	20.3	18.3	0.0	1	Possible Infection
06/03	75.1	>min	0.24	12.8	10.0	0.0	1	Possible Infection
06/04	58.6	>min	0.05	2.8	2.3	0.0	1	Possible Infection
06/05	64.3	>min	0.02	0.5	1.3	0.0	1	Possible Infection
06/06	72.1	>min	0.24	15.8	14.0	0.0	1	Possible Infection
06/07	76.8	>min	0.02	11.5	11.0	0.0	1	Possible Infection
06/08	83.3	>min		8.8	9.3	0.0	1	Possible Infection
06/09	76.9	>min		1.8	1.8	0.0	1	Possible Infection
06/10	85.8	>min		7.3	6.5	0.0	1	Possible Infection
06/11	75.0	>min			0.0	0.0	0	
06/12	73.9	>min	0.16	6.8	9.0	0.0	1	Possible Infection
06/13	65.0	>min	0.60	8.8	8.8	0.0	1	Possible Infection

Windsor Powdery Mildew - Grape From 2012-06-01 To 2012-06-13

Date	Temperature		Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
	High	Mean					
06/01	77.9	65.6	8.0	0.0	0.3		
06/02	63.2	58.5	0.0	0.0	19.3	Heavy	
06/03	75.1	61.9	4.8	0.0	12.3	Heavy	
06/04	58.6	54.7	0.0	0.0	1.5		
06/05	64.3	56.4	0.0	0.0	0.3		
06/06	72.1	57.3	0.5	0.0	15.5		
06/07	76.8	61.2	5.5	0.0	11.3	Heavy	
06/08	83.3	67.8	11.3	0.0	8.8		
06/09	76.9	66.7	7.8	0.0	1.5		
06/10	85.8	70.3	12.3	0.0	7.3		60 Heavy
06/11	75.0	66.2	8.0	0.0	0.0		80 Heavy
06/12	73.9	64.9	4.5	0.0	6.8		70 Heavy
06/13	65.0	64.3	0.0	0.0	8.8	Heavy	60 Heavy

Windsor Phomopsis Cane+Leaf Spot - Grape From 2012-06-01 To 2012-06-13

Date	Temp Mean	Wet Hours	Rain- Fall	Wet+ Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
06/01	65.6	0.3	0.02	0.3	58.1	0 Light	1 Light
06/02	58.5	21.8	1.83	17.8	57.9	94 High	111 High
06/03	61.9	15.0	0.24	8.0	59.1	31 Moderate	51 Moderate
06/04	54.7	7.5	0.05	14.8	57.0	69 Moderate	88 Moderate
06/05	56.4	1.0	0.02	0.3	56.7	0 Light	1 Light
06/06	57.3	16.5	0.24	8.5	59.0	34 Moderate	54 Moderate
06/07	61.2	12.3	0.02	16.8	55.7	77 Moderate	93 High
06/08	67.8	8.8	0.00	0.0	0.0	0	0
06/09	66.7	4.5	0.00	0.0	0.0	0	0
06/10	70.3	7.5	0.00	0.0	0.0	0	0
06/11	66.2	0.0	0.00	0.0	0.0	0	0
06/12	64.9	8.3	0.16	7.3	64.6	29 Light	53 Moderate
06/13	64.3	8.8	0.60	16.5	64.5	95 High	124 High

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