

Windsor Black Rot - Grape From 2012-07-01 To 2012-07-18

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
07/01	91.6	65.0	7.3	0.84	
07/02	86.0	60.9	9.5	1.73	Infection Risk
07/03	87.7	59.6	7.5	2.66	Infection Risk
07/04	91.0	69.4	6.0	1.04	Infection Risk
07/05	88.7	66.9	6.8	1.08	Infection Risk
07/06	91.8	62.5	7.5	1.19	Infection Risk
07/07	91.2	69.8		0.00	
07/08	90.7	63.9	5.0	0.78	
07/09	86.1	59.9		0.00	
07/10	89.6	60.4		0.00	
07/11	89.3	61.3	5.0	0.66	
07/12	90.5	63.4	7.5	1.13	Infection Risk
07/13	90.2	64.1	5.3	0.80	
07/14	92.9	69.6	0.8	0.13	
07/15	88.3	66.2	10.0	1.09	Infection Risk
07/16	92.3	67.9	8.3	2.43	Infection Risk
07/17	95.6	68.7	7.3	1.34	Infection Risk
07/18	87.4	74.3	0.8	0.12	

Windsor Downy Mildew - Grape From 2012-07-01 To 2012-07-18

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
07/01	91.6	0.0		7.3	4.0	1.8	1	Primary Infection
07/02	86.0	>min	0.37	9.5	2.3	0.5	3	High Risk of Infection
07/03	87.7	>min		7.5	7.5	0.0	1	Possible Infection
07/04	91.0	>min	0.20	6.0	5.3	5.3	3	High Risk of Infection
07/05	88.7	>min		6.8	4.5	4.5	3	High Risk of Infection
07/06	91.8	>min		7.5	6.3	0.3	1	Possible Infection
07/07	91.2	>min			0.0	0.0	0	
07/08	90.7	>min		5.0	3.0	0.3	1	Possible Infection
07/09	86.1	>min			0.0	0.0	0	
07/10	89.6	>min			0.0	0.0	0	
07/11	89.3	>min		5.0	3.3	0.0	1	Possible Infection
07/12	90.5	>min		7.5	6.5	1.3	3	High Risk of Infection
07/13	90.2	>min		5.3	2.5	0.3	1	Possible Infection
07/14	92.9	>min		0.8	0.0	0.0	0	
07/15	88.3	>min	0.20	10.0	4.0	4.0	3	High Risk of Infection
07/16	92.3	>min		8.3	8.0	8.0	3	High Risk of Infection
07/17	95.6	>min		7.3	5.8	5.8	3	High Risk of Infection
07/18	87.4	>min		0.8	0.0	0.0	0	

Windsor Powdery Mildew - Grape From 2012-07-01 To 2012-07-18

Date	Temperature		Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
	High	Mean					
07/01	91.6	77.3	3.3	0.0	7.3		
07/02	86.0	72.2	4.5	0.0	9.0		
07/03	87.7	74.3	12.8	0.0	7.5	Heavy	
07/04	91.0	78.9	5.8	0.0	6.0		
07/05	88.7	78.0	17.5	0.0	6.3		
07/06	91.8	76.7	5.5	0.0	7.3		
07/07	91.2	79.2	24.0	0.0	0.0		
07/08	90.7	78.3	4.5	0.0	5.0		
07/09	86.1	73.6	13.3	0.0	0.0		
07/10	89.6	73.5	7.3	0.0	0.0		
07/11	89.3	75.0	10.5	0.0	4.8		60 Heavy
07/12	90.5	76.7	5.8	0.0	7.5		50 Medium
07/13	90.2	77.1	13.8	0.0	5.3		70 Heavy
07/14	92.9	80.8	5.5	0.0	0.8		60 Heavy
07/15	88.3	76.0	16.0	0.0	9.0		80 Heavy
07/16	92.3	79.5	4.5	0.0	8.3	Heavy	70 Heavy
07/17	95.6	83.0	6.5	1.3	7.3		80 Heavy
07/18	87.4	80.5	11.5	0.0	0.5		100 Heavy

Windsor Phomopsis Cane+Leaf Spot - Grape From 2012-07-01 To 2012-07-18

Date	Temp Mean	Wet Hours	Rain- Fall	Wet+ Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
07/01	77.3	8.0	0.00	0.0	0.0	0	0
07/02	72.2	11.3	0.37	2.0	73.3	4 Light	13 Light
07/03	74.3	7.5	0.00	0.0	0.0	0	0
07/04	78.9	6.3	0.20	6.3	70.3	21 Light	45 Moderate
07/05	78.0	7.8	0.00	0.0	0.0	0	0
07/06	76.7	7.8	0.00	0.0	0.0	0	0
07/07	79.2	0.0	0.00	0.0	0.0	0	0
07/08	78.3	5.5	0.00	0.0	0.0	0	0
07/09	73.6	0.0	0.00	0.0	0.0	0	0
07/10	73.5	0.0	0.00	0.0	0.0	0	0
07/11	75.0	5.5	0.00	0.0	0.0	0	0
07/12	76.7	7.5	0.00	0.0	0.0	0	0
07/13	77.1	5.8	0.00	0.0	0.0	0	0
07/14	80.8	2.0	0.00	0.0	0.0	0	0
07/15	76.0	12.3	0.20	8.3	75.2	24 Light	54 Moderate
07/16	79.5	8.3	0.00	16.0	72.7	72 Moderate	115 High
07/17	83.0	7.5	0.00	0.0	0.0	0	0
07/18	80.5	1.5	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