

Windsor Black Rot - Grape From 2012-08-15 To 2012-08-31

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
08/15	83.9	64.6	12.8	1.46	Infection Risk
08/16	85.8	65.8	11.8	2.05	Infection Risk
08/17	87.5	61.4	10.5	1.68	Infection Risk
08/18	80.9	57.5	10.8	1.75	Infection Risk
08/19	77.4	52.7	9.8	0.65	
08/20	82.8	56.1	8.0	0.98	
08/21	82.5	60.8	8.5	0.96	
08/22	85.8	56.6	9.8	0.92	
08/23	86.9	61.0	10.0	1.43	Infection Risk
08/24	88.7	61.6	11.3	1.43	Infection Risk
08/25	86.4	63.4	9.5	1.72	Infection Risk
08/26	86.9	61.0	9.8	1.26	Infection Risk
08/27	84.9	58.7	9.8	1.18	Infection Risk
08/28	86.3	67.8	11.0	1.93	Infection Risk
08/29	79.4	54.9	4.3	0.44	
08/30	82.1	50.0	8.5	0.61	
08/31	60.7	56.6	6.8	0.65	

Windsor Botrytis - Grape From 2012-08-15 To 2012-08-31

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
08/15	83.9	64.6	12.8	10.8	0.56	Moderate Infection Risk
08/16	85.8	65.8	11.8	8.3	0.31	Low Infection Risk
08/17	87.5	61.4	10.5	9.8	0.00	
08/18	80.9	57.5	10.8	10.3	0.00	
08/19	77.4	52.7	9.8	7.8	0.00	
08/20	82.8	56.1	8.0	8.5	0.00	
08/21	82.5	60.8	8.5	5.3	0.00	
08/22	85.8	56.6	9.8	6.8	0.00	
08/23	86.9	61.0	10.0	9.0	0.00	
08/24	88.7	61.6	11.3	8.8	0.15	Low Infection Risk
08/25	86.4	63.4	9.5	8.0	0.00	
08/26	86.9	61.0	9.8	8.0	0.00	
08/27	84.9	58.7	9.8	9.5	0.00	
08/28	86.3	67.8	11.0	10.0	0.06	Low Infection Risk
08/29	79.4	54.9	4.3		0.00	
08/30	82.1	50.0	8.5	7.3	0.00	
08/31	60.7	56.6	6.8	2.3	0.00	

Windsor Downy Mildew - Grape From 2012-08-15 To 2012-08-31

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
08/15	83.9	0.0	0.63	12.8	9.5	7.3	1	Primary Infection
08/16	85.8	>min		11.8	7.8	7.8	3	High Risk of Infection
08/17	87.5	>min	0.13	10.5	9.5	2.0	3	High Risk of Infection
08/18	80.9	>min	0.19	10.8	8.5	1.5	3	High Risk of Infection
08/19	77.4	>min		9.8	7.0	0.0	1	Possible Infection
08/20	82.8	>min		8.0	7.8	0.0	1	Possible Infection
08/21	82.5	>min		8.5	4.5	0.0	1	Possible Infection
08/22	85.8	>min		9.8	6.0	0.0	1	Possible Infection
08/23	86.9	>min	0.01	10.0	8.8	1.0	3	High Risk of Infection
08/24	88.7	>min		11.3	8.5	0.5	3	High Risk of Infection
08/25	86.4	>min		9.5	8.0	1.3	3	High Risk of Infection
08/26	86.9	>min		9.8	7.5	0.0	1	Possible Infection
08/27	84.9	>min	0.18	9.8	9.5	1.3	3	High Risk of Infection
08/28	86.3	>min	0.38	11.0	9.8	9.8	3	High Risk of Infection
08/29	79.4	>min		4.3	0.0	0.0	0	
08/30	82.1	>min		8.5	6.8	0.0	1	Possible Infection
08/31	60.7	>min		6.8	1.0	0.0	1	Possible Infection

Windsor Powdery Mildew - Grape From 2012-08-15 To 2012-08-31

Date	Temperature High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
08/15	83.9	72.6	11.5	0.0	11.8		
08/16	85.8	73.9	11.5	0.0	11.8		
08/17	87.5	74.1	10.8	0.0	10.5		60 Heavy
08/18	80.9	68.6	8.8	0.0	10.5		80 Heavy
08/19	77.4	64.5	7.5	0.0	9.8		100 Heavy
08/20	82.8	68.7	9.3	0.0	8.0		100 Heavy
08/21	82.5	71.0	11.3	0.0	8.0		100 Heavy
08/22	85.8	70.0	10.8	0.0	9.5		100 Heavy
08/23	86.9	72.8	4.8	0.0	10.0		90 Heavy
08/24	88.7	73.0	4.3	0.0	11.0		80 Heavy
08/25	86.4	72.9	5.3	0.0	9.5		70 Heavy
08/26	86.9	71.8	6.8	0.0	9.5		90 Heavy
08/27	84.9	71.8	15.3	0.0	9.5		100 Heavy
08/28	86.3	76.1	14.8	0.0	10.3		100 Heavy
08/29	79.4	67.5	8.0	0.0	3.8		100 Heavy
08/30	82.1	66.1	9.8	0.0	8.5		100 Heavy
08/31	60.7	58.6	0.0	0.0	6.5		90 Heavy

Windsor Phomopsis Cane+Leaf Spot - Grape From 2012-08-15 To 2012-08-31

Date	Temp Mean	Wet Hours	Rain- Fall	Wet+ Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
08/15	72.6	14.0	0.63	3.3	66.1	9 Light	23 Light
08/16	73.9	12.8	0.00	0.0	0.0	0	0
08/17	74.1	10.5	0.13	2.5	68.7	6 Light	18 Light
08/18	68.6	11.3	0.19	12.0	65.1	60 Moderate	90 Moderate
08/19	64.5	10.3	0.00	0.0	0.0	0	0
08/20	68.7	8.5	0.00	0.0	0.0	0	0
08/21	71.0	10.5	0.00	0.0	0.0	0	0
08/22	70.0	10.3	0.00	0.0	0.0	0	0
08/23	72.8	10.0	0.01	0.0	0.0	0	0
08/24	73.0	11.8	0.00	0.0	0.0	0	0
08/25	72.9	9.8	0.00	0.0	0.0	0	0
08/26	71.8	10.0	0.00	0.0	0.0	0	0
08/27	71.8	9.8	0.18	1.3	72.8	2 Light	8 Light
08/28	76.1	12.3	0.38	11.8	72.6	47 Moderate	83 Moderate
08/29	67.5	6.8	0.00	0.0	0.0	0	0
08/30	66.1	9.5	0.00	0.0	0.0	0	0
08/31	58.6	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