

Windsor 2011 Black Rot - Grape From 2011-08-01 To 2011-08-16

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
08/01	90.9	64.4	11.3	0.95	
08/02	89.4	63.3	8.0	2.08	Infection Risk
08/03	84.9	58.8	7.3	0.59	
08/04	88.2	64.6	7.3	1.48	Infection Risk
08/05	86.1	69.0	0.8	0.13	
08/06	84.5	67.7	5.0	0.61	
08/07	89.8	67.2	13.0	2.62	Infection Risk
08/08	88.4	68.2	11.8	1.35	Infection Risk
08/09	83.3	64.2	13.8	1.81	Infection Risk
08/10	87.0	67.7	8.0	2.65	Infection Risk
08/11	81.6	59.2	6.8	0.76	
08/12	83.2	55.1	10.5	0.76	
08/13	85.4	57.8	8.5	1.23	Infection Risk
08/14	69.6	65.5	21.0	3.47	Infection Risk
08/15	70.8	62.7	24.0	7.39	Infection Risk
08/16	65.5	60.5	7.5	8.28	Infection Risk

Windsor 2011 Botrytis - Grape From 2011-08-01 To 2011-08-16

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
08/01	90.9	64.4	11.3	6.8	0.16	Low Infection Risk
08/02	89.4	63.3	8.0	7.8	0.00	
08/03	84.9	58.8	7.3	4.5	0.00	
08/04	88.2	64.6	7.3	7.8	0.00	
08/05	86.1	69.0	0.8		0.00	
08/06	84.5	67.7	5.0	4.0	0.00	
08/07	89.8	67.2	13.0	13.0	0.62	Moderate Infection Risk
08/08	88.4	68.2	11.8	11.3	0.20	Low Infection Risk
08/09	83.3	64.2	13.8	12.8	0.80	Moderate Infection Risk
08/10	87.0	67.7	8.0	7.8	0.00	
08/11	81.6	59.2	6.8	3.8	0.00	
08/12	83.2	55.1	10.5	6.5	0.00	
08/13	85.4	57.8	8.5	7.8	0.00	
08/14	69.6	65.5	21.0	22.3	3.20	High Infection Risk
08/15	70.8	62.7	24.0	24.0	3.35	High Infection Risk
08/16	65.5	60.5	7.5	7.5	0.00	

Windsor 2011 Downy Mildew - Grape From 2011-08-01 To 2011-08-16

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
08/01	90.9	0.0	0.14	11.3	6.3	2.0	1	Primary Infection
08/02	89.4	>min		8.0	7.8	0.8	3	High Risk of Infection
08/03	84.9	>min	0.01	7.3	3.3	1.3	3	High Risk of Infection
08/04	88.2	>min		7.3	7.5	4.8	3	High Risk of Infection
08/05	86.1	>min	0.03	0.8	0.0	0.0	0	
08/06	84.5	>min	0.33	5.0	3.0	3.0	3	High Risk of Infection
08/07	89.8	>min	0.90	13.0	12.8	11.8	3	High Risk of Infection
08/08	88.4	>min	0.01	11.8	10.3	10.3	3	High Risk of Infection
08/09	83.3	>min	0.86	13.8	11.8	8.8	3	High Risk of Infection
08/10	87.0	>min	0.01	8.0	7.8	7.8	3	High Risk of Infection
08/11	81.6	>min		6.8	2.0	0.0	1	Possible Infection
08/12	83.2	>min		10.5	5.3	0.0	1	Possible Infection
08/13	85.4	>min		8.5	7.8	0.0	1	Possible Infection
08/14	69.6	>min	0.62	21.0	22.0	19.3	3	High Risk of Infection
08/15	70.8	>min	0.60	24.0	24.0	18.3	3	High Risk of Infection
08/16	65.5	>min		7.5	7.3	0.0	1	Possible Infection

Windsor 2011 Powdery Mildew - Grape From 2011-08-01 To 2011-08-16

Date	Temperature High	Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
08/01	90.9	74.5	3.3	0.0	11.0		
08/02	89.4	76.2	5.0	0.0	8.0	Heavy	
08/03	84.9	71.7	18.5	0.0	7.3		
08/04	88.2	74.4	13.3	0.0	7.3		
08/05	86.1	74.9	15.8	0.0	0.5		60 Heavy
08/06	84.5	75.5	22.5	0.0	4.5		80 Heavy
08/07	89.8	76.7	16.5	0.0	13.0	Heavy	100 Heavy
08/08	88.4	78.0	11.5	0.0	11.3		100 Heavy
08/09	83.3	72.0	12.5	0.0	13.5		100 Heavy
08/10	87.0	76.2	6.8	0.0	8.0	Heavy	100 Heavy
08/11	81.6	70.8	18.8	0.0	6.8		100 Heavy
08/12	83.2	69.0	11.5	0.0	10.5		100 Heavy
08/13	85.4	71.1	13.8	0.0	8.3		100 Heavy
08/14	69.6	67.4	0.0	0.0	18.8	Heavy	90 Heavy
08/15	70.8	67.1	1.0	0.0	24.0	Heavy	80 Heavy
08/16	65.5	61.6	0.0	0.0	7.3	Heavy	70 Heavy

Windsor 2011 Phomopsis Cane+Leaf Spot - Grape From 2011-08-01 To 2011-08-16

Date	Temp Mean	Wet Hours	Rain- Fall	Wet+ Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
08/01	74.5	12.5	0.14	2.8	71.2	6 Light	19 Light
08/02	76.2	8.0	0.00	0.0	0.0	0	0
08/03	71.7	7.8	0.01	1.3	67.2	2 Light	9 Light
08/04	74.4	7.8	0.00	9.0	66.2	39 Moderate	67 Moderate
08/05	74.9	4.8	0.03	4.8	72.2	13 Light	33 Moderate
08/06	75.5	8.8	0.33	10.3	71.6	40 Moderate	74 Moderate
08/07	76.7	13.0	0.90	15.5	71.2	74 Moderate	114 High
08/08	78.0	12.0	0.01	0.0	0.0	0	0
08/09	72.0	14.0	0.86	9.3	69.0	38 Moderate	69 Moderate
08/10	76.2	8.0	0.01	15.3	69.6	77 Moderate	115 High
08/11	70.8	7.3	0.00	0.0	0.0	0	0
08/12	69.0	11.5	0.00	0.0	0.0	0	0
08/13	71.1	8.8	0.00	0.0	0.0	0	0
08/14	67.4	23.5	0.62	30.0	67.7	213 High	235 High
08/15	67.1	24.0	0.60	44.3	67.2	376 High	352 High
08/16	61.6	7.8	0.00	52.0	66.4	481 High	416 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