

Windsor 2011 Black Rot - Grape From 2011-05-29 To 2011-06-10

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
05/29	83.5	68.1	7.0	1.12	Infection Risk
05/30	88.8	67.2	12.3	1.97	Infection Risk
05/31	88.6	65.9	1.5	0.48	
06/01	86.7	64.0	4.0	0.65	
06/02	73.7	55.8	7.3	1.36	Infection Risk
06/03	74.9	48.7		0.00	
06/04	79.6	45.2	1.8	0.06	
06/05	73.4	47.3	5.5	0.29	
06/06	84.4	56.5	2.0	0.17	
06/07	90.8	58.1	7.3	0.77	
06/08	93.8	64.3	5.5	0.87	
06/09	91.7	63.9	12.8	1.23	Infection Risk
06/10	66.3	65.4	4.0	1.86	Infection Risk

Windsor 2011 Downy Mildew - Grape From 2011-05-29 To 2011-06-10

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
05/29	83.5	0.0		7.0	1.0	1.0	1	Primary Infection
05/30	88.8	>min	0.54	12.3	8.0	8.0	3	High Risk of Infection
05/31	88.6	>min		1.5	0.0	0.0	0	
06/01	86.7	>min	0.28	4.0	3.3	3.3	3	High Risk of Infection
06/02	73.7	>min		7.3	6.0	0.0	1	Possible Infection
06/03	74.9	>min			0.0	0.0	0	
06/04	79.6	>min		5.5	0.3	0.0	0	
06/05	73.4	>min		6.8	5.3	0.0	1	Possible Infection
06/06	84.4	>min		2.0	0.8	0.0	1	Possible Infection
06/07	90.8	>min		7.3	4.8	0.0	1	Possible Infection
06/08	93.8	>min		5.5	1.5	0.0	1	Possible Infection
06/09	91.7	>min	0.90	12.8	8.8	7.0	3	High Risk of Infection
06/10	66.3	>min		4.0	4.0	1.5	3	High Risk of Infection

Windsor 2011 Powdery Mildew - Grape From 2011-05-29 To 2011-06-10

Date	Temperature		Hours	Hours	Wet	Ascospore	Conidial
	High	Mean	70-85	>95	Hours	Infection	Index
05/29	83.5	74.8	16.8	0.0	6.8		
05/30	88.8	75.5	4.5	0.0	12.3		
05/31	88.6	75.8	6.8	0.0	1.5		
06/01	86.7	73.8	13.3	0.0	3.8		
06/02	73.7	63.3	4.3	0.0	7.3		
06/03	74.9	62.1	6.3	0.0	0.0		
06/04	79.6	62.4	8.5	0.0	5.3		
06/05	73.4	61.2	5.0	0.0	6.8		
06/06	84.4	70.0	11.3	0.0	2.0		
06/07	90.8	75.6	5.0	0.0	7.3		
06/08	93.8	79.8	6.0	0.0	5.3		
06/09	91.7	73.2	5.8	0.0	12.8		
06/10	66.3	65.9	0.0	0.0	4.0		

Windsor 2011 Phomopsis Cane+Leaf Spot - Grape From 2011-05-29 To 2011-06-10

Date	Temp	Wet	Rain-	Wet+	Wet	Disease Intensity	
	Mean	Hours	Fall	Rain	Temp	Catawba	Seyval
05/29	74.8	8.3	0.00	0.0	0.0	0	0
05/30	75.5	12.8	0.54	4.0	70.7	11 Light	28 Light
05/31	75.8	3.5	0.00	0.0	0.0	0	0
06/01	73.8	4.8	0.28	3.8	70.3	10 Light	27 Light
06/02	63.3	7.3	0.00	11.0	62.8	53 Moderate	79 Moderate
06/03	62.1	0.3	0.00	0.0	0.0	0	0
06/04	62.4	5.8	0.00	0.0	0.0	0	0
06/05	61.2	7.0	0.00	0.0	0.0	0	0
06/06	70.0	2.5	0.00	0.0	0.0	0	0
06/07	75.6	7.3	0.00	0.0	0.0	0	0
06/08	79.8	5.8	0.00	0.0	0.0	0	0
06/09	73.2	13.0	0.90	8.5	66.8	36 Moderate	63 Moderate
06/10	65.9	4.0	0.00	11.8	66.4	57 Moderate	89 Moderate

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