

Newport Black Rot - Grape From 2012-05-11 To 2012-05-24

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
05/11	67.3	44.2		0.00	
05/12	76.8	43.1		0.00	
05/13	74.2	54.2		0.00	
05/14	68.1	55.8		0.00	
05/15	66.6	57.2	7.8	0.75	
05/16	68.5	56.2	19.5	2.68	Infection Risk
05/17	74.3	46.7	5.0	3.04	Infection Risk
05/18	69.3	44.4	1.3	0.05	
05/19	77.1	44.9		0.00	
05/20	71.3	49.8		0.00	
05/21	66.6	53.0	10.8	1.15	Infection Risk
05/22	66.9	59.2	24.0	4.08	Infection Risk
05/23	76.9	57.9	8.3	4.97	Infection Risk
05/24	68.3	55.3	10.0	0.90	

Newport Downy Mildew - Grape From 2012-05-11 To 2012-05-24

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
05/11	67.3	0.0	0.13		0.0	0.0	0	Primary Infection
05/12	76.8	>min			0.0	0.0	0	
05/13	74.2	>min			0.0	0.0	0	
05/14	68.1	>min			0.0	0.0	0	
05/15	66.6	>min	0.51	7.8	7.0	0.0	1	Possible Infection
05/16	68.5	>min	0.93	19.5	20.3	0.0	1	Possible Infection
05/17	74.3	>min		5.0	6.8	0.0	1	Possible Infection
05/18	69.3	>min		5.5	7.5	0.0	1	Possible Infection
05/19	77.1	>min			0.0	0.0	0	
05/20	71.3	>min			0.0	0.0	0	
05/21	66.6	>min		10.8	13.3	0.0	1	Possible Infection
05/22	66.9	>min	0.55	24.0	24.0	0.8	3	High Risk of Infection
05/23	76.9	>min		8.3	10.8	0.0	1	Possible Infection
05/24	68.3	>min		10.0	10.3	0.0	1	Possible Infection

Newport Powdery Mildew - Grape From 2012-05-11 To 2012-05-24

Date	Temperature		Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
	High	Mean					
05/11	67.3	55.0	0.0	0.0	0.0		
05/12	76.8	61.4	3.3	0.0	0.0		
05/13	74.2	62.7	3.8	0.0	0.0		
05/14	68.1	60.7	0.0	0.0	0.0		
05/15	66.6	59.9	0.0	0.0	7.8		
05/16	68.5	60.1	0.0	0.0	19.3	Heavy	
05/17	74.3	60.1	3.5	0.0	5.0	Heavy	
05/18	69.3	55.9	0.0	0.0	5.5		
05/19	77.1	61.2	5.0	0.0	0.0		
05/20	71.3	60.8	3.0	0.0	0.0		
05/21	66.6	60.0	0.0	0.0	9.8		
05/22	66.9	61.8	0.0	0.0	24.0	Heavy	
05/23	76.9	64.9	5.8	0.0	8.3	Heavy	
05/24	68.3	60.1	0.0	0.0	9.8		

NewportPhomopsis Cane+Leaf Spot - Grape From 2012-05-11 To 2012-05-24

Date	Temp Mean	Wet Hours	Rain- Fall	Wet+ Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
05/11	55.0	0.0	0.13	0.0	0.0	0	0
05/12	61.4	0.0	0.00	0.0	0.0	0	0
05/13	62.7	0.0	0.00	0.0	0.0	0	0
05/14	60.7	0.3	0.00	0.0	0.0	0	0
05/15	59.9	8.8	0.51	5.8	59.0	19 Light	36 Moderate
05/16	60.1	20.0	0.93	20.0	59.7	119 High	136 High
05/17	60.1	5.8	0.00	0.0	0.0	0	0
05/18	55.9	6.8	0.00	0.0	0.0	0	0
05/19	61.2	0.0	0.00	0.0	0.0	0	0
05/20	60.8	0.0	0.00	0.0	0.0	0	0
05/21	60.0	12.8	0.00	0.0	0.0	0	0
05/22	61.8	24.0	0.55	21.3	62.0	135 High	154 High
05/23	64.9	8.8	0.00	29.8	61.5	217 High	217 High
05/24	60.1	11.5	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