

Newport Black Rot - Grape From 2012-06-11 To 2012-06-29

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
06/11	66.7	53.7	1.0	0.07	
06/12	68.6	58.2	8.5	0.61	
06/13	64.0	59.0	24.0	3.10	Infection Risk
06/14	73.5	50.0	13.0	4.52	Infection Risk
06/15	76.3	53.1		0.00	
06/16	77.2	53.0		0.00	
06/17	70.6	51.3		0.00	
06/18	71.3	46.0	7.0	0.22	
06/19	73.4	50.5	9.3	0.68	
06/20	92.0	63.3	6.8	1.35	Infection Risk
06/21	99.3	71.7		0.00	
06/22	97.4	69.6		0.00	
06/23	86.9	62.2	2.8	0.48	
06/24	88.6	58.3		0.00	
06/25	72.0	58.9	11.3	1.69	Infection Risk
06/26	78.8	58.2	0.3	1.71	Infection Risk
06/27	83.0	58.1		0.00	
06/28	89.2	60.8		0.00	
06/29	70.2	63.4	4.8	0.72	

Newport Downy Mildew - Grape From 2012-06-11 To 2012-06-29

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
06/11	66.7	0.0		1.0	0.8	0.0	1	Primary Infection
06/12	68.6	>min	0.01	8.5	9.0	0.0	1	Possible Infection
06/13	64.0	>min	0.49	24.0	23.0	0.0	1	Possible Infection
06/14	73.5	>min	0.01	13.0	12.8	0.0	1	Possible Infection
06/15	76.3	>min			0.0	0.0	0	
06/16	77.2	>min			0.0	0.0	0	
06/17	70.6	>min			0.3	0.0	0	
06/18	71.3	>min		9.5	8.3	0.0	1	Possible Infection
06/19	73.4	>min		9.3	5.8	0.0	1	Possible Infection
06/20	92.0	>min		6.8	6.5	0.0	1	Possible Infection
06/21	99.3	>min			0.0	0.0	0	
06/22	97.4	>min			0.0	0.0	0	
06/23	86.9	>min		2.8	2.0	2.0	3	High Risk of Infection
06/24	88.6	>min			0.0	0.0	0	
06/25	72.0	>min	0.84	11.3	8.0	0.8	3	High Risk of Infection
06/26	78.8	>min		0.3	2.8	0.0	1	Possible Infection
06/27	83.0	>min			0.0	0.0	0	
06/28	89.2	>min			0.0	0.0	0	
06/29	70.2	>min		4.8	3.8	0.8	3	High Risk of Infection

Newport Powdery Mildew - Grape From 2012-06-11 To 2012-06-29

Date	Temperature		Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
	High	Mean					
06/11	66.7	61.0	0.0	0.0	0.5		
06/12	68.6	62.9	0.0	0.0	6.8		
06/13	64.0	61.3	0.0	0.0	22.5	Heavy	
06/14	73.5	61.8	3.3	0.0	12.8	Heavy	
06/15	76.3	64.4	7.5	0.0	0.0		
06/16	77.2	64.2	8.3	0.0	0.0		
06/17	70.6	59.9	0.5	0.0	0.0		
06/18	71.3	59.0	0.5	0.0	9.0		
06/19	73.4	62.8	0.8	0.0	8.5		
06/20	92.0	78.4	9.0	0.0	6.8		
06/21	99.3	84.8	7.0	4.8	0.0		
06/22	97.4	81.1	12.5	2.0	0.0		60 Heavy
06/23	86.9	73.3	9.3	0.0	2.5		80 Heavy
06/24	88.6	73.1	9.3	0.0	0.0		100 Heavy
06/25	72.0	66.1	1.0	0.0	10.3		90 Heavy
06/26	78.8	66.8	8.0	0.0	0.0		100 Heavy
06/27	83.0	70.9	13.0	0.0	0.0		100 Heavy
06/28	89.2	74.4	8.5	0.0	0.0		100 Heavy
06/29	70.2	66.0	0.5	0.0	4.5		90 Heavy

Newport Phomopsis Cane+Leaf Spot - Grape From 2012-06-11 To 2012-06-29

Date	Temp Mean	Wet Hours	Rain- Fall	Wet+ Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
06/11	61.0	4.5	0.00	0.0	0.0	0	0
06/12	62.9	10.3	0.01	1.8	61.9	4 Light	11 Light
06/13	61.3	24.0	0.49	25.8	61.3	176 High	186 High
06/14	61.8	13.3	0.01	39.0	61.0	317 High	283 High
06/15	64.4	0.0	0.00	0.0	0.0	0	0
06/16	64.2	0.0	0.00	0.0	0.0	0	0
06/17	59.9	1.8	0.00	0.0	0.0	0	0
06/18	59.0	10.3	0.00	0.0	0.0	0	0
06/19	62.8	11.0	0.00	0.0	0.0	0	0
06/20	78.4	7.5	0.00	0.0	0.0	0	0
06/21	84.8	0.0	0.00	0.0	0.0	0	0
06/22	81.1	0.0	0.00	0.0	0.0	0	0
06/23	73.3	3.0	0.00	0.0	0.0	0	0
06/24	73.1	0.0	0.00	0.0	0.0	0	0
06/25	66.1	15.0	0.84	7.3	65.5	29 Light	53 Moderate
06/26	66.8	3.3	0.00	0.0	0.0	0	0
06/27	70.9	0.0	0.00	0.0	0.0	0	0
06/28	74.4	0.0	0.00	0.0	0.0	0	0
06/29	66.0	5.8	0.00	0.0	0.0	0	0