

Newport Black Rot - Grape From 2012-05-22 To 2012-06-04

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
05/22	66.9	59.2	24.0	2.93	Infection Risk
05/23	76.9	57.9	8.3	3.82	Infection Risk
05/24	68.5	54.5	15.5	0.90	
05/25	63.9	54.6	24.0	3.04	Infection Risk
05/26	79.4	61.3	11.8	4.61	Infection Risk
05/27	81.3	60.9	10.0	0.78	
05/28	81.8	60.7	12.8	1.99	Infection Risk
05/29	79.5	59.7	11.3	1.80	Infection Risk
05/30	79.8	59.2	6.0	0.73	
05/31	86.7	55.5	6.8	0.79	
06/01	75.4	54.7		0.00	
06/02	63.4	54.4	17.3	1.81	Infection Risk
06/03	77.5	50.9	13.3	2.55	Infection Risk
06/04	52.6	50.5	2.3	0.43	

Newport Downy Mildew - Grape From 2012-05-22 To 2012-06-04

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours >95%RH	43-86	66-77	Risk	Warning
05/22	66.9	0.0	0.55	24.0	24.0	0.8	1	1	Primary Infection
05/23	76.9	>min		8.3	10.8	0.0	1	1	Possible Infection
05/24	68.5	>min		15.5	16.0	0.0	1	1	Possible Infection
05/25	63.9	>min	0.02	24.0	24.0	0.0	1	1	Possible Infection
05/26	79.4	>min		11.8	12.8	2.5	3	3	High Risk of Infection
05/27	81.3	>min		10.0	11.3	0.0	1	1	Possible Infection
05/28	81.8	>min		12.8	12.8	3.0	3	3	High Risk of Infection
05/29	79.5	>min		11.3	14.8	4.5	3	3	High Risk of Infection
05/30	79.8	>min	0.01	6.0	9.5	1.8	3	3	High Risk of Infection
05/31	86.7	>min		6.8	7.0	0.5	3	3	High Risk of Infection
06/01	75.4	>min			0.0	0.0	0	0	
06/02	63.4	>min	0.73	17.3	16.8	0.0	1	1	Possible Infection
06/03	77.5	>min	0.40	13.3	12.0	0.0	1	1	Possible Infection
06/04	52.6	>min		2.3	2.3	0.0	1	1	Possible Infection

Newport Powdery Mildew - Grape From 2012-05-22 To 2012-06-04

Date	Temperature		Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index	
	High	Mean						
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	68.5	59.8	0.0	0.0	15.3			
05/25	63.9	60.3	0.0	0.0	24.0	Heavy		
05/26	79.4	67.5	8.5	0.0	11.8	Heavy		
05/27	81.3	68.1	10.3	0.0	9.8			
05/28	81.8	67.5	7.8	0.0	12.5	Heavy	60	Heavy
05/29	79.5	67.6	8.3	0.0	11.0	Heavy	80	Heavy
05/30	79.8	68.9	9.8	0.0	4.8		100	Heavy
05/31	86.7	71.4	6.5	0.0	6.5		100	Heavy
06/01	75.4	63.9	3.8	0.0	0.0		90	Heavy
06/02	63.4	59.0	0.0	0.0	17.0	Heavy	80	Heavy
06/03	77.5	62.8	6.8	0.0	13.0	Heavy	100	Heavy
06/04	52.6	51.2	0.0	0.0	1.5		90	Heavy

Newport Phomopsis Cane+Leaf Spot - Grape From 2012-05-22 To 2012-06-04

Date	Temp Mean	Wet Hours	Rain- Fall	Wet+ Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
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	59.8	17.0	0.00	0.0	0.0	0	0
05/25	60.3	24.0	0.02	13.0	62.4	67 Moderate	94 High
05/26	67.5	12.3	0.00	25.0	63.1	172 High	188 High
05/27	68.1	11.0	0.00	0.0	0.0	0	0
05/28	67.5	13.5	0.00	0.0	0.0	0	0
05/29	67.6	15.3	0.00	0.0	0.0	0	0
05/30	68.9	10.5	0.01	0.5	70.1	1 Light	3 Light
05/31	71.4	6.8	0.00	0.0	0.0	0	0
06/01	63.9	0.0	0.00	0.0	0.0	0	0
06/02	59.0	18.3	0.73	8.8	59.5	36 Moderate	57 Moderate
06/03	62.8	13.5	0.40	5.8	52.8	13 Light	25 Light
06/04	51.2	6.5	0.00	12.3	51.9	36 Moderate	49 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