

Newport Black Rot - Grape From 2012-05-01 To 2012-05-16

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
05/01	50.8	45.5	14.8	0.59	
05/02	60.4	45.3	15.0	1.48	Infection Risk
05/03	51.0	46.8	18.3	2.23	Infection Risk
05/04	55.4	48.5	24.0	3.48	Infection Risk
05/05	57.3	49.8	24.0	4.75	Infection Risk
05/06	64.8	42.8	17.8	6.07	Infection Risk
05/07	66.2	42.5	19.5	7.91	Infection Risk
05/08	55.4	50.9	12.0	8.25	Infection Risk
05/09	59.1	53.9	24.0	2.19	Infection Risk
05/10	70.4	48.0	10.8	2.91	Infection Risk
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	63.2	57.7	13.3	2.12	Infection Risk

Newport Downy Mildew - Grape From 2012-05-01 To 2012-05-16

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours >95%RH 43-86	66-77	Risk	Warning
05/01	50.8		0.50	24.0	14.3	0.0	0	
05/02	60.4	0.0		24.0	5.5	0.0	1	Primary Infection
05/03	51.0	138.3	0.10	24.0	13.8	0.0	1	Possible Infection
05/04	55.4	>min	0.01	24.0	24.0	0.0	1	Possible Infection
05/05	57.3	>min	0.01	24.0	23.3	0.0	1	Possible Infection
05/06	64.8	>min		23.8	8.8	0.0	1	Possible Infection
05/07	66.2	>min		23.8	6.0	0.0	1	Possible Infection
05/08	55.4	>min		12.0	0.8	0.0	1	Possible Infection
05/09	59.1	>min	1.51	24.0	24.0	0.0	1	Possible Infection
05/10	70.4	>min	0.84	10.8	11.5	0.0	1	Possible Infection
05/11	67.3	>min	0.13		0.0	0.0	0	
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	63.2	>min	0.93	13.3	13.3	0.0	1	Possible Infection

Newport Powdery Mildew - Grape From 2012-05-01 To 2012-05-16

Date	Temperature		Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
	High	Mean					
05/01	50.8	48.2	0.0	0.0	24.0	Heavy	
05/02	60.4	50.4	0.0	0.0	21.8	Heavy	
05/03	51.0	48.8	0.0	0.0	24.0	Heavy	
05/04	55.4	51.7	0.0	0.0	24.0	Heavy	
05/05	57.3	52.0	0.0	0.0	24.0	Heavy	
05/06	64.8	52.9	0.0	0.0	23.3	Heavy	
05/07	66.2	55.4	0.0	0.0	23.8	Heavy	
05/08	55.4	53.0	0.0	0.0	12.0	Heavy	
05/09	59.1	56.5	0.0	0.0	24.0	Heavy	
05/10	70.4	56.7	0.3	0.0	10.5	Heavy	
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	63.2	59.7	0.0	0.0	13.3	Heavy	

Newport Phomopsis Cane+Leaf Spot-Grape From 2012-05-01 To 2012-05-16

Date	Temp Mean	Wet Hours	Rain- Fall	Wet+ Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
05/01	48.2	24.0	0.50	16.0	48.2	30 Moderate	39 Moderate
05/02	50.4	24.0	0.00	40.0	49.5	141 High	126 High
05/03	48.8	24.0	0.10	64.0	49.2	265 High	198 High
05/04	51.7	24.0	0.01	88.0	49.9	465 High	303 High
05/05	52.0	24.0	0.01	112.0	50.3	700 High	412 High
05/06	52.9	24.0	0.00	136.0	50.8	983 High	534 High
05/07	55.4	24.0	0.00	160.0	51.5	1352 High	684 High
05/08	53.0	12.0	0.00	167.0	51.5	1437 High	715 High
05/09	56.5	24.0	1.51	23.8	56.5	134 High	140 High
05/10	56.7	11.0	0.84	34.8	55.9	223 High	202 High
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	59.7	13.3	0.93	19.5	59.5	114 High	131 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