

Newport\_Risk\_5\_29.txt

Newport, RI Black Rot - Grape From 2009-05-18 To 2009-05-29

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
05/18	54.2	42.0		0.00	
05/19	65.8	41.9		0.00	
05/20	72.8	48.5		0.00	
05/21	72.4	54.7		0.00	
05/22	73.0	53.6	0.3	0.02	
05/23	66.1	53.1	4.8	0.24	
05/24	70.9	52.8	15.3	1.46	Infection Risk
05/25	77.3	55.5	6.5	2.25	Infection Risk
05/26	58.2	47.3		0.00	
05/27	57.3	48.1	14.3	0.79	
05/28	61.0	49.4	17.3	1.77	Infection Risk
05/29	54.9	50.6	7.8	2.16	Infection Risk

Newport, RI Botrytis - Grape From 2009-05-18 To 2009-05-29

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
05/18	54.2	42.0	3.3		0.00	
05/19	65.8	41.9	4.5	1.3	0.00	
05/20	72.8	48.5			0.00	
05/21	72.4	54.7			0.00	
05/22	73.0	53.6	0.3		0.00	
05/23	66.1	53.1	4.8	0.3	0.00	
05/24	70.9	52.8	15.3	13.8	1.28	High Infection Risk
05/25	77.3	55.5	6.5	4.3	0.00	
05/26	58.2	47.3			0.00	
05/27	57.3	48.1	14.3	7.5	0.00	
05/28	61.0	49.4	17.3	8.0	1.15	High Infection Risk
05/29	54.9	50.6	7.8	7.8	0.00	

Newport, RI Downy Mildew - Grape From 2009-05-18 To 2009-05-29

Date	High Temp	Deg Hrs<43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
05/18	54.2	0.0		2.0	0.0	0.0	0	Primary Infection
05/19	65.8	>min	0.01	2.8	0.0	0.0	0	
05/20	72.8	>min			0.0	0.0	0	
05/21	72.4	>min			0.0	0.0	0	
05/22	73.0	>min		0.3	0.0	0.0	0	
05/23	66.1	>min		4.8	0.0	0.0	0	
05/24	70.9	>min	0.02	15.3	12.3	0.0	1	Possible Infection
05/25	77.3	>min		6.5	4.0	0.0	1	Possible Infection
05/26	58.2	>min			0.0	0.0	0	
05/27	57.3	>min	0.01	14.3	5.8	0.0	1	Possible Infection
05/28	61.0	>min		17.3	7.0	0.0	1	Possible Infection
05/29	54.9	>min		7.8	7.8	0.0	1	Possible Infection

Newport, RI Powdery Mildew - Grape From 2009-05-18 To 2009-05-29

Date	Temperature High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
05/18	54.2	46.0	0.0	0.0	3.3		
05/19	65.8	53.0	0.0	0.0	4.5		
05/20	72.8	59.9	0.5	0.0	0.0		
05/21	72.4	62.2	3.5	0.0	0.0		

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05/22	73.0	63.5	5.0	0.0	0.0	
05/23	66.1	59.4	0.0	0.0	2.5	
05/24	70.9	60.5	0.8	0.0	14.5	Heavy
05/25	77.3	66.1	6.5	0.0	6.3	Heavy
05/26	58.2	52.6	0.0	0.0	0.0	
05/27	57.3	52.9	0.0	0.0	13.5	
05/28	61.0	53.9	0.0	0.0	16.5	Heavy
05/29	54.9	51.7	0.0	0.0	8.3	Heavy

Leaf Wetness Sensor Parameters:  
 Base Temperature 0.0  
 Upper Temperature 100.0  
 Wetness Threshold 6.0

Newport, RI Phomopsis Cane+Leaf Spot - Grape From 2009-05-18 To 2009-05-29

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Di sease Intensi ty Catawba	Seyval
05/18	46.0	3.3	0.00	0.0	0.0	0	0
05/19	53.0	4.5	0.01	0.0	0.0	0	0
05/20	59.9	0.0	0.00	0.0	0.0	0	0
05/21	62.2	0.0	0.00	0.0	0.0	0	0
05/22	63.5	1.8	0.00	0.0	0.0	0	0
05/23	59.4	7.0	0.00	0.0	0.0	0	0
05/24	60.5	16.5	0.02	1.3	59.9	2 Light	8 Light
05/25	66.1	6.5	0.00	0.0	0.0	0	0
05/26	52.6	0.0	0.00	0.0	0.0	0	0
05/27	52.9	16.3	0.01	3.5	49.8	5 Light	10 Light
05/28	53.9	21.5	0.00	0.0	0.0	0	0
05/29	51.7	7.8	0.00	0.0	0.0	0	0

Leaf Wetness Sensor Parameters:  
 Base Temperature 41.0  
 Upper Temperature 95.9  
 Wetness Threshold 3.0

Wet+Rain is the number of rain-initiated leaf wetness hours  
 Wet Temp is the mean temperature during the rain-initiated wetness period  
 Di sease Intensi ty projects the estimated lesions per leaf