

Newport RI Black Rot - Grape From 2010-09-15 To 2010-09-29

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
09/15	73.1	51.5		0.00	
09/16	70.2	44.4	4.5	0.61	
09/17	78.0	52.3	10.0	2.09	Infection Risk
09/18	72.7	50.0	11.0	0.41	
09/19	73.7	49.4	10.3	0.61	
09/20	72.5	54.2	4.0	0.79	
09/21	72.8	46.5		0.00	
09/22	75.5	62.2	5.3	0.89	
09/23	78.3	58.4	7.3	1.98	Infection Risk
09/24	70.8	57.5	8.0	1.17	Infection Risk
09/25	80.5	64.5	11.5	2.40	Infection Risk
09/26	75.8	59.9	1.3	0.14	
09/27	68.6	59.1	16.3	2.22	Infection Risk
09/28	74.6	67.0	15.5	4.88	Infection Risk
09/29	69.1	67.3	7.3	6.12	Infection Risk

Newport RI Botrytis - Grape From 2010-09-15 To 2010-09-29

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
09/15	73.1	51.5			0.00	
09/16	70.2	44.4	5.3	3.5	0.00	
09/17	78.0	52.3	10.0	9.5	0.00	
09/18	72.7	50.0	11.0	10.8	0.00	
09/19	73.7	49.4	10.3	11.8	0.00	
09/20	72.5	54.2	4.0	4.0	0.00	
09/21	72.8	46.5			0.00	
09/22	75.5	62.2	5.3	4.5	0.00	
09/23	78.3	58.4	7.3	7.8	0.00	
09/24	70.8	57.5	8.0	13.0	0.00	
09/25	80.5	64.5	11.5	10.3	0.25	Low Infection Risk
09/26	75.8	59.9	1.3	0.5	0.00	
09/27	68.6	59.1	16.3	24.0	3.00	High Infection Risk
09/28	74.6	67.0	15.5	18.5	1.33	High Infection Risk
09/29	69.1	67.3	7.3	7.3	0.00	

Newport RI Downy Mildew - Grape From 2010-09-15 To 2010-09-29

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
09/15	73.1				0.0	0.0	0	
09/16	70.2	0.0	0.40	5.3	2.5	1.0	1	Primary Infection
09/17	78.0	>min	0.62	10.0	9.0	2.5	3	High Risk of Infection
09/18	72.7	>min		11.0	9.5	0.0	1	Possible Infection
09/19	73.7	>min		10.3	10.3	0.0	1	Possible Infection
09/20	72.5	>min		4.0	3.8	0.0	1	Possible Infection
09/21	72.8	>min			0.0	0.0	0	
09/22	75.5	>min	0.03	5.3	3.8	3.8	3	High Risk of Infection
09/23	78.3	>min	0.01	7.3	7.8	2.8	3	High Risk of Infection
09/24	70.8	>min		8.0	9.3	8.0	3	High Risk of Infection
09/25	80.5	>min		11.5	9.0	8.0	3	High Risk of Infection
09/26	75.8	>min		1.3	0.0	0.0	0	
09/27	68.6	>min	0.21	16.3	24.0	10.5	3	High Risk of Infection
09/28	74.6	>min	0.02	15.5	14.0	14.0	3	High Risk of Infection
09/29	69.1	>min		7.3	7.3	7.3	3	High Risk of Infection

Newport RI SpecWare 9 Pro - Newport2010 Powdery Mildew - Grape From 2010-09-15 To 2010-09-29

Date	Temperature High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
09/15	73.1	61.7	2.8	0.0	0.0		
09/16	70.2	60.7	0.3	0.0	5.3		
09/17	78.0	64.1	2.5	0.0	9.5	Heavy	
09/18	72.7	58.8	0.8	0.0	11.0		
09/19	73.7	62.4	5.0	0.0	10.3		
09/20	72.5	63.7	5.5	0.0	3.8		
09/21	72.8	60.7	2.0	0.0	0.0		
09/22	75.5	68.8	9.0	0.0	5.3		
09/23	78.3	66.7	6.8	0.0	7.3	Heavy	
09/24	70.8	65.8	1.0	0.0	7.8		
09/25	80.5	71.2	10.5	0.0	11.5	Heavy	
09/26	75.8	65.0	6.0	0.0	1.0		
09/27	68.6	63.7	0.0	0.0	16.0	Heavy	
09/28	74.6	69.6	10.0	0.0	14.8	Heavy	
09/29	69.1	68.2	0.0	0.0	7.3	Heavy	

Newport RI Phomopsis Cane+Leaf Spot - Grape From 2010-09-15 To 2010-09-29

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
09/15	61.7	0.0	0.00	0.0	0.0	0	0
09/16	60.7	7.0	0.40	4.0	65.2	12 Light	29 Light
09/17	64.1	11.5	0.62	13.8	65.6	72 Moderate	104 High
09/18	58.8	11.3	0.00	0.0	0.0	0	0
09/19	62.4	12.0	0.00	0.0	0.0	0	0
09/20	63.7	6.0	0.00	0.0	0.0	0	0
09/21	60.7	0.0	0.00	0.0	0.0	0	0
09/22	68.8	8.8	0.03	0.8	68.1	1 Light	5 Light
09/23	66.7	7.5	0.01	8.3	65.2	35 Moderate	61 Moderate
09/24	65.8	8.5	0.00	0.0	0.0	0	0
09/25	71.2	12.3	0.00	0.0	0.0	0	0
09/26	65.0	1.8	0.00	0.0	0.0	0	0
09/27	63.7	17.3	0.21	8.3	59.9	34 Moderate	54 Moderate
09/28	69.6	17.3	0.02	4.8	69.1	15 Light	34 Moderate
09/29	68.2	7.3	0.00	12.5	68.5	60 Moderate	94 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