

Newport RI Black Rot - Grape From 2010-08-05 To 2010-08-19

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
08/05	84.3	73.0	11.3	1.86	Infection Risk
08/06	90.9	64.5	4.5	0.78	
08/07	78.6	53.6	3.0	0.25	
08/08	81.9	64.7	10.0	1.35	Infection Risk
08/09	83.8	70.3	9.8	2.03	Infection Risk
08/10	89.3	69.6	6.0	1.29	Infection Risk
08/11	88.0	61.7	6.5	0.87	
08/12	78.2	60.7	7.0	1.10	Infection Risk
08/13	80.2	55.7	1.3	0.11	
08/14	78.3	54.0	10.5	0.65	
08/15	75.9	54.6	7.5	0.93	
08/16	79.4	67.6	11.3	1.38	Infection Risk
08/17	85.1	69.8	10.5	2.12	Infection Risk
08/18	81.2	65.2	5.5	1.06	Infection Risk
08/19	84.4	58.8	6.5	0.86	

Newport RI Botrytis - Grape From 2010-08-05 To 2010-08-19

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
08/05	84.3	73.0	11.3	11.8	0.21	Low Infection Risk
08/06	90.9	64.5	4.5	4.8	0.00	
08/07	78.6	53.6	3.0	0.5	0.00	
08/08	81.9	64.7	10.0	8.0	0.00	
08/09	83.8	70.3	9.8	9.0	0.00	
08/10	89.3	69.6	6.0	3.5	0.00	
08/11	88.0	61.7	6.5	4.5	0.00	
08/12	78.2	60.7	7.0	6.8	0.00	
08/13	80.2	55.7	1.3	0.8	0.00	
08/14	78.3	54.0	10.5	10.0	0.00	
08/15	75.9	54.6	7.5	7.5	0.00	
08/16	79.4	67.6	11.3	12.3	0.27	Low Infection Risk
08/17	85.1	69.8	10.5	10.3	0.00	
08/18	81.2	65.2	5.5	3.3	0.00	
08/19	84.4	58.8	6.5	6.3	0.00	

Newport RI Downy Mildew - Grape From 2010-08-05 To 2010-08-19

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
08/05	84.3	0.0	0.14	11.3	11.0	10.8	1	Primary Infection
08/06	90.9	>min		4.5	3.8	3.8	3	High Risk of Infection
08/07	78.6	>min		3.0	0.3	0.0	0	
08/08	81.9	>min		10.0	6.5	6.0	3	High Risk of Infection
08/09	83.8	>min		9.8	8.5	8.5	3	High Risk of Infection
08/10	89.3	>min	0.01	6.0	2.3	2.3	3	High Risk of Infection
08/11	88.0	>min		6.5	2.3	2.0	3	High Risk of Infection
08/12	78.2	>min		7.0	6.5	0.0	1	Possible Infection
08/13	80.2	>min		1.3	0.3	0.0	0	
08/14	78.3	>min		10.5	9.5	0.0	1	Possible Infection
08/15	75.9	>min		7.5	7.5	0.0	1	Possible Infection
08/16	79.4	>min	0.16	11.3	8.5	8.5	3	High Risk of Infection
08/17	85.1	>min	0.15	10.5	10.0	10.0	3	High Risk of Infection
08/18	81.2	>min		5.5	2.0	1.8	3	High Risk of Infection
08/19	84.4	>min		6.5	6.3	0.5	3	High Risk of Infection

Newport RI Powdery Mildew - Grape From 2010-08-05 To 2010-08-19

Date	Temperature High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
08/05	84.3	76.3	24.0	0.0	11.0		
08/06	90.9	77.7	10.0	0.0	4.3		
08/07	78.6	68.2	11.0	0.0	2.8		60 Heavy
08/08	81.9	73.9	16.0	0.0	10.0		80 Heavy
08/09	83.8	76.1	24.0	0.0	9.5		100 Heavy
08/10	89.3	77.5	15.3	0.0	6.0		100 Heavy
08/11	88.0	75.8	5.5	0.0	6.5		90 Heavy
08/12	78.2	69.1	10.3	0.0	6.8		100 Heavy
08/13	80.2	69.3	11.0	0.0	1.3		100 Heavy
08/14	78.3	66.2	10.5	0.0	10.5		100 Heavy
08/15	75.9	66.7	10.3	0.0	7.5		100 Heavy
08/16	79.4	72.2	15.0	0.0	11.3		100 Heavy
08/17	85.1	76.2	23.5	0.0	10.5		100 Heavy
08/18	81.2	72.1	12.8	0.0	4.8		100 Heavy
08/19	84.4	66.5	2.3	0.0	6.5		90 Heavy

Newport RI SpecWare 9 Pro - Newport2010 Phomopsis Cane+Leaf Spot -
 Grape From 2010-08-05 To 2010-08-19

Date	Temp Mean	Wet Hours	Rain- Fall	Wet+ Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
08/05	76.3	13.0	0.14	2.3	76.1	3 Light	13 Light
08/06	77.7	6.0	0.00	0.0	0.0	0	0
08/07	68.2	4.0	0.00	0.0	0.0	0	0
08/08	73.9	10.5	0.00	0.0	0.0	0	0
08/09	76.1	10.8	0.00	0.0	0.0	0	0
08/10	77.5	7.8	0.01	1.8	71.4	3 Light	12 Light
08/11	75.8	7.0	0.00	0.0	0.0	0	0
08/12	69.1	7.0	0.00	0.0	0.0	0	0
08/13	69.3	1.3	0.00	0.0	0.0	0	0
08/14	66.2	10.8	0.00	0.0	0.0	0	0
08/15	66.7	7.5	0.00	0.0	0.0	0	0
08/16	72.2	12.5	0.16	7.8	69.1	30 Light	57 Moderate
08/17	76.2	11.0	0.15	7.8	73.7	24 Light	53 Moderate
08/18	72.1	6.0	0.00	0.0	0.0	0	0
08/19	66.5	6.8	0.00	0.0	0.0	0	0

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