

Newport RI Black Rot - Grape From 2010-08-11 To 2010-08-25

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
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	86.0	58.8	6.5	0.86	
08/20	89.6	61.5	4.8	0.39	
08/21	79.0	55.8	5.5	0.80	
08/22	70.1	67.2	20.5	3.52	Infection Risk
08/23	68.5	61.2	20.8	6.58	Infection Risk
08/24	65.3	60.5	21.3	9.31	Infection Risk
08/25	68.2	62.9	9.8	10.73	Infection Risk

Newport RI Botrytis - Grape From 2010-08-11 To 2010-08-25

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
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	86.0	58.8	6.5	6.3	0.00	
08/20	89.6	61.5	4.8	2.3	0.00	
08/21	79.0	55.8	5.5		0.00	
08/22	70.1	67.2	20.5	10.5	2.60	High Infection Risk
08/23	68.5	61.2	20.8	16.5	2.41	High Infection Risk
08/24	65.3	60.5	21.3	23.3	2.81	High Infection Risk
08/25	68.2	62.9	9.8	10.3	0.00	

Newport RI Downy Mildew - Grape From 2010-08-11 To 2010-08-25

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
08/11	88.0	0.0		6.5	2.3	2.0	1	Primary 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	86.0	>min		6.5	6.3	0.5	3	High Risk of Infection
08/20	89.6	>min		4.8	1.0	0.0	1	Possible Infection
08/21	79.0	>min		5.5	0.0	0.0	0	
08/22	70.1	>min	0.78	20.5	5.8	5.8	3	High Risk of Infection
08/23	68.5	>min	0.05	20.8	14.3	4.5	3	High Risk of Infection
08/24	65.3	>min	0.06	21.3	21.8	0.0	1	Possible Infection
08/25	68.2	>min	0.28	9.8	10.3	1.5	3	High Risk of Infection

Newport RI Powdery Mildew - Grape From 2010-08-11 To 2010-08-25

Date	Temperature High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
08/11	88.0	75.8	5.5	0.0	6.5		
08/12	78.2	69.1	10.3	0.0	6.8		
08/13	80.2	69.3	11.0	0.0	1.3		
08/14	78.3	66.2	10.5	0.0	10.5		60 Heavy
08/15	75.9	66.7	10.3	0.0	7.5		80 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	86.0	73.0	14.8	0.0	6.5		100 Heavy
08/20	89.6	74.4	4.3	0.0	4.8		90 Heavy
08/21	79.0	68.3	10.5	0.0	5.5		100 Heavy
08/22	70.1	68.7	0.5	0.0	20.0	Heavy	90 Heavy
08/23	68.5	64.4	0.0	0.0	19.8	Heavy	80 Heavy
08/24	65.3	62.6	0.0	0.0	21.0	Heavy	70 Heavy
08/25	68.2	64.6	0.0	0.0	9.8	Heavy	60 Heavy

Newport RI Phomopsis Cane+Leaf Spot - Grape From 2010-08-11 To 2010-08-25

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
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	73.0	6.8	0.00	0.0	0.0	0	0
08/20	74.4	5.3	0.00	0.0	0.0	0	0
08/21	68.3	6.3	0.00	0.0	0.0	0	0
08/22	68.7	21.8	0.78	18.5	68.3	105 High	142 High
08/23	64.4	23.8	0.05	35.5	65.8	281 High	279 High
08/24	62.6	23.0	0.06	50.5	64.8	469 High	399 High
08/25	64.6	10.3	0.28	14.3	64.2	77 Moderate	106 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