

Newport RI Black Rot - Grape From 2010-07-28 To 2010-08-11

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
07/28	83.6	66.1	3.0	0.47	
07/29	86.6	70.0	5.3	1.37	Infection Risk
07/30	84.0	60.6	0.8	0.10	
07/31	79.7	59.5	6.5	0.87	
08/01	74.8	55.7	1.3	0.06	
08/02	77.0	55.5	6.5	0.60	
08/03	80.5	66.9	0.3	0.04	
08/04	83.4	71.0	10.8	1.00	
08/05	84.3	73.0	11.3	2.68	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	78.0	68.9	5.0	0.87	

Newport RI Botrytis - Grape From 2010-07-28 To 2010-08-11

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
07/28	83.6	66.1	3.0	2.8	0.00	
07/29	86.6	70.0	5.3	5.3	0.00	
07/30	84.0	60.6	0.8		0.00	
07/31	79.7	59.5	6.5	5.5	0.00	
08/01	74.8	55.7	1.3		0.00	
08/02	77.0	55.5	6.5	6.3	0.00	
08/03	80.5	66.9	0.3		0.00	
08/04	83.4	71.0	10.8	8.5	0.00	
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	78.0	68.9	5.0	3.8	0.00	

Newport RI Downy Mildew - Grape From 2010-07-28 To 2010-08-11

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
07/28	83.6	0.0		3.0	0.0	0.0	0	Primary Infection
07/29	86.6	>min		5.3	2.5	2.5	3	High Risk of Infection
07/30	84.0	>min		0.8	0.0	0.0	0	
07/31	79.7	>min		6.5	5.0	0.0	1	Possible Infection
08/01	74.8	>min		1.3	0.0	0.0	0	
08/02	77.0	>min		6.5	4.5	0.0	1	Possible Infection
08/03	80.5	>min		0.3	0.0	0.0	0	
08/04	83.4	>min		10.8	4.8	4.8	3	High Risk of Infection
08/05	84.3	>min	0.14	11.3	11.0	10.8	3	High Risk of 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	78.0	>min		5.0	2.0	2.0	3	High Risk of Infection

Newport RI Powdery Mildew - Grape From 2010-07-28 To 2010-08-11

Date	Temperature High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
07/28	83.6	75.7	18.3	0.0	2.5		
07/29	86.6	76.4	21.5	0.0	4.5		
07/30	84.0	71.9	12.8	0.0	0.8		60 Heavy
07/31	79.7	67.5	9.5	0.0	6.5		80 Heavy
08/01	74.8	66.7	10.3	0.0	1.3		100 Heavy
08/02	77.0	68.2	12.0	0.0	6.5		100 Heavy
08/03	80.5	73.2	17.5	0.0	0.0		100 Heavy
08/04	83.4	75.5	24.0	0.0	10.5		100 Heavy
08/05	84.3	76.3	24.0	0.0	11.0	Heavy	100 Heavy
08/06	90.9	77.7	10.0	0.0	4.3		100 Heavy
08/07	78.6	68.2	11.0	0.0	2.8		100 Heavy
08/08	81.9	73.9	16.0	0.0	10.0		100 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	78.0	71.6	3.0	0.0	5.0		90 Heavy

Newport RI Phomopsis Cane+Leaf Spot - Grape From 2010-07-28 To 2010-08-11

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
07/28	75.7	3.8	0.00	0.0	0.0	0	0
07/29	76.4	7.3	0.00	0.0	0.0	0	0
07/30	71.9	1.0	0.00	0.0	0.0	0	0
07/31	67.5	6.8	0.00	0.0	0.0	0	0
08/01	66.7	1.5	0.00	0.0	0.0	0	0
08/02	68.2	6.5	0.00	0.0	0.0	0	0
08/03	73.2	3.3	0.00	0.0	0.0	0	0
08/04	75.5	12.5	0.00	0.0	0.0	0	0
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	71.6	5.3	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