

Newport RI Black Rot - Grape From 2010-07-22 To 2010-08-04

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
07/22	86.9	66.1	6.0	1.03	Infection Risk
07/23	76.2	62.4	11.8	1.96	Infection Risk
07/24	91.4	72.0	12.0	3.18	Infection Risk
07/25	92.1	71.6	9.5	1.86	Infection Risk
07/26	86.0	62.1		0.00	
07/27	89.0	61.8		0.00	
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	

Newport RI Botrytis - Grape From 2010-07-22 To 2010-08-04

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
07/22	86.9	66.1	6.0	6.5	0.00	
07/23	76.2	62.4	11.8	7.5	0.28	Low Infection Risk
07/24	91.4	72.0	12.0	16.5	0.98	Moderate Infection Risk
07/25	92.1	71.6	9.5	7.8	0.00	
07/26	86.0	62.1			0.00	
07/27	89.0	61.8			0.00	
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	

Newport RI Downy Mildew - Grape From 2010-07-22 To 2010-08-04

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
07/22	86.9	0.0	0.02	6.0	5.3	5.3	1	Primary Infection
07/23	76.2	>min	0.80	11.8	4.8	4.8	3	High Risk of Infection
07/24	91.4	>min	0.01	12.0	14.8	13.5	3	High Risk of Infection
07/25	92.1	>min	0.01	9.5	7.5	7.5	3	High Risk of Infection
07/26	86.0	>min	0.01		0.0	0.0	0	
07/27	89.0	>min			0.0	0.0	0	
07/28	83.6	>min		3.0	0.0	0.0	0	
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

Newport RI Powdery Mildew - Grape From 2010-07-22 To 2010-08-04

Date	Temperature High	Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
07/22	86.9	75.6	13.8	0.0	6.0		
07/23	76.2	69.7	7.5	0.0	11.8		
07/24	91.4	77.7	23.8	0.0	11.8	Heavy	60 Heavy
07/25	92.1	79.4	18.0	0.0	8.8		80 Heavy
07/26	86.0	74.5	15.0	0.0	0.0		100 Heavy
07/27	89.0	75.6	12.8	0.0	0.0		100 Heavy
07/28	83.6	75.7	18.3	0.0	2.5		100 Heavy
07/29	86.6	76.4	21.5	0.0	4.5		100 Heavy
07/30	84.0	71.9	12.8	0.0	0.8		100 Heavy
07/31	79.7	67.5	9.5	0.0	6.5		100 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

Newport RI Phomopsis Cane+Leaf Spot - Grape From 2010-07-22 To 2010-08-04

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
07/22	75.6	6.5	0.02	6.5	68.6	23 Light	48 Moderate
07/23	69.7	13.0	0.80	10.0	69.6	42 Moderate	74 Moderate
07/24	77.7	13.3	0.01	17.8	71.4	89 Moderate	131 High
07/25	79.4	12.0	0.01	0.5	75.4	0 Light	3 Light
07/26	74.5	0.0	0.01	0.0	0.0	0	0
07/27	75.6	0.0	0.00	0.0	0.0	0	0
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

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