

Newport RI Black Rot - Grape From 2010-07-01 To 2010-07-14

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
07/01	76.9	60.8		0.00	
07/02	80.9	55.2		0.00	
07/03	82.8	57.3	5.5	0.53	
07/04	94.7	59.9	0.3	0.03	
07/05	95.9	63.6	0.3	0.04	
07/06	103.9	67.2	0.3	0.08	
07/07	87.2	70.1	6.5	1.00	
07/08	81.0	68.3	10.0	1.12	Infection Risk
07/09	83.0	69.4	11.8	1.93	Infection Risk
07/10	84.7	70.3	9.0	2.32	Infection Risk
07/11	91.9	67.2	6.0	3.35	Infection Risk
07/12	84.4	70.2	9.3	0.91	
07/13	83.3	72.8	14.0	1.82	Infection Risk
07/14	75.7	74.1	10.3	2.82	Infection Risk

Newport RI Botrytis - Grape From 2010-07-01 To 2010-07-14

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
07/01	76.9	60.8			0.00	
07/02	80.9	55.2			0.00	
07/03	82.8	57.3	5.5	5.5	0.00	
07/04	94.7	59.9	0.3	0.5	0.00	
07/05	95.9	63.6	0.3	0.3	0.00	
07/06	103.9	67.2	0.3	0.3	0.00	
07/07	87.2	70.1	6.5	8.3	0.00	
07/08	81.0	68.3	10.0	12.5	0.39	Low Infection Risk
07/09	83.0	69.4	11.8	13.5	0.50	Low Infection Risk
07/10	84.7	70.3	9.0	8.0	0.00	
07/11	91.9	67.2	6.0	6.5	0.00	
07/12	84.4	70.2	9.3	10.0	0.00	
07/13	83.3	72.8	14.0	14.5	0.84	Moderate Infection Risk
07/14	75.7	74.1	10.3	10.3	0.00	

Newport RI Downy Mildew - Grape From 2010-07-01 To 2010-07-14

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
07/01	76.9				0.0	0.0	0	
07/02	80.9				0.0	0.0	0	
07/03	82.8	0.0		5.5	5.3	0.0	1	Primary Infection
07/04	94.7	>min		0.3	0.0	0.0	0	
07/05	95.9	>min		0.3	0.0	0.0	0	
07/06	103.9	>min		0.3	0.0	0.0	0	
07/07	87.2	>min		6.5	6.5	6.5	3	High Risk of Infection
07/08	81.0	>min		10.0	11.8	11.8	3	High Risk of Infection
07/09	83.0	>min		11.8	12.8	12.8	3	High Risk of Infection
07/10	84.7	>min		9.0	6.8	6.8	3	High Risk of Infection
07/11	91.9	>min		6.0	6.0	6.0	3	High Risk of Infection
07/12	84.4	>min		9.3	8.8	8.8	3	High Risk of Infection
07/13	83.3	>min	0.20	14.0	13.5	13.5	3	High Risk of Infection
07/14	75.7	>min	0.04	10.3	10.3	10.3	3	High Risk of Infection

Newport RI Powdery Mildew - Grape From 2010-07-01 To 2010-07-14

Date	Temperature High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
07/01	76.9	70.2	9.3	0.0	0.0		
07/02	80.9	66.7	8.8	0.0	0.0		
07/03	82.8	70.4	12.8	0.0	5.5		60 Heavy
07/04	94.7	77.9	5.0	0.0	0.0		50 Medium
07/05	95.9	77.7	3.8	0.8	0.0		40 Medium
07/06	103.9	83.1	14.8	5.0	0.0		50 Medium
07/07	87.2	77.9	17.5	0.0	6.3		70 Heavy
07/08	81.0	74.4	19.5	0.0	9.0		90 Heavy
07/09	83.0	75.5	22.3	0.0	11.8		100 Heavy
07/10	84.7	76.4	24.0	0.0	7.8		100 Heavy
07/11	91.9	77.1	14.5	0.0	5.5	Heavy	100 Heavy
07/12	84.4	76.3	24.0	0.0	9.0		100 Heavy
07/13	83.3	76.4	24.0	0.0	13.8		100 Heavy
07/14	75.7	74.9	10.3	0.0	10.8	Heavy	100 Heavy

Newport RI Phomopsis Cane+Leaf Spot - Grape From 2010-07-01 To 2010-07-14

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
07/01	70.2	0.0	0.00	0.0	0.0	0	0
07/02	66.7	0.0	0.00	0.0	0.0	0	0
07/03	70.4	5.5	0.00	0.0	0.0	0	0
07/04	77.9	0.8	0.00	0.0	0.0	0	0
07/05	77.7	0.3	0.00	0.0	0.0	0	0
07/06	83.1	0.3	0.00	0.0	0.0	0	0
07/07	77.9	7.8	0.00	0.0	0.0	0	0
07/08	74.4	12.3	0.00	0.0	0.0	0	0
07/09	75.5	13.3	0.00	0.0	0.0	0	0
07/10	76.4	11.0	0.00	0.0	0.0	0	0
07/11	77.1	6.3	0.00	0.0	0.0	0	0
07/12	76.3	10.5	0.00	0.0	0.0	0	0
07/13	76.4	14.3	0.20	6.8	73.7	20 Light	46 Moderate
07/14	74.9	10.3	0.04	17.5	74.4	74 Moderate	120 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