

Newport RI Black Rot - Grape From 2010-07-07 To 2010-07-21

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
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	83.3	68.0	14.8	3.57	Infection Risk
07/15	79.4	67.6	8.5	5.03	Infection Risk
07/16	82.3	66.2	5.0	0.62	
07/17	90.5	70.1	4.8	1.03	Infection Risk
07/18	93.4	66.3	0.3	0.04	
07/19	81.9	63.0	9.5	1.56	Infection Risk
07/20	89.8	68.4	10.0	3.28	Infection Risk
07/21	82.9	67.0	10.5	4.72	Infection Risk

Newport RI Botrytis - Grape From 2010-07-07 To 2010-07-21

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
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	83.3	68.0	14.8	18.8	1.85	High Infection Risk
07/15	79.4	67.6	8.5	11.5	0.07	Low Infection Risk
07/16	82.3	66.2	5.0	12.8	0.10	Low Infection Risk
07/17	90.5	70.1	4.8	5.8	0.00	
07/18	93.4	66.3	0.3		0.00	
07/19	81.9	63.0	9.5	11.5	0.58	Moderate Infection Risk
07/20	89.8	68.4	10.0	9.0	0.00	
07/21	82.9	67.0	10.5	12.5	0.31	Low Infection Risk

Newport RI Downy Mildew - Grape From 2010-07-07 To 2010-07-21

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
07/07	87.2	0.0		6.5	6.5	6.5	1	Primary 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	83.3	>min	1.17	14.8	18.8	18.0	3	High Risk of Infection
07/15	79.4	>min		8.5	10.8	10.8	3	High Risk of Infection
07/16	82.3	>min		5.0	11.0	11.0	3	High Risk of Infection
07/17	90.5	>min		4.8	5.3	5.3	3	High Risk of Infection
07/18	93.4	>min		0.3	0.0	0.0	0	
07/19	81.9	>min		9.5	9.3	6.3	3	High Risk of Infection
07/20	89.8	>min		10.0	7.5	7.5	3	High Risk of Infection
07/21	82.9	>min	0.13	10.5	10.8	10.5	3	High Risk of Infection

Newport RI Powdery Mildew - Grape From 2010-07-07 To 2010-07-21

Date	Temperature High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
07/07	87.2	77.9	17.5	0.0	6.3		
07/08	81.0	74.4	19.5	0.0	9.0		
07/09	83.0	75.5	22.3	0.0	11.8		60 Heavy
07/10	84.7	76.4	24.0	0.0	7.8		80 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	83.3	74.3	19.3	0.0	12.5	Heavy	100 Heavy
07/15	79.4	71.9	13.5	0.0	7.8	Heavy	100 Heavy
07/16	82.3	74.3	17.0	0.0	4.8		100 Heavy
07/17	90.5	78.9	17.5	0.0	4.0		100 Heavy
07/18	93.4	79.5	5.5	0.0	0.3		90 Heavy
07/19	81.9	72.6	16.5	0.0	9.5		100 Heavy
07/20	89.8	77.4	10.0	0.0	9.8	Heavy	100 Heavy
07/21	82.9	74.3	18.5	0.0	10.3	Heavy	100 Heavy

Newport RI Phomopsis Cane+Leaf Spot - Grape From 2010-07-07 To 2010-07-21

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
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	74.3	17.8	1.17	20.0	74.2	91 High	139 High
07/15	71.9	9.0	0.00	0.0	0.0	0	0
07/16	74.3	9.0	0.00	0.0	0.0	0	0
07/17	78.9	5.5	0.00	0.0	0.0	0	0
07/18	79.5	0.8	0.00	0.0	0.0	0	0
07/19	72.6	12.0	0.00	0.0	0.0	0	0
07/20	77.4	10.3	0.00	0.0	0.0	0	0
07/21	74.3	13.8	0.13	3.0	72.0	7 Light	20 Light

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