

Newport Black Rot - Grape From 2011-08-09 To 2011-08-24

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
08/09	78.6	66.5	13.0	1.56	Infection Risk
08/10	87.6	66.0	11.0	2.27	Infection Risk
08/11	85.0	60.4	6.5	1.22	Infection Risk
08/12	85.6	59.0	0.8	0.10	
08/13	89.6	59.5	6.3	0.72	
08/14	72.6	67.8	17.8	3.22	Infection Risk
08/15	70.3	60.9	24.0	7.12	Infection Risk
08/16	77.6	60.2	9.5	7.82	Infection Risk
08/17	90.7	59.7	8.0	1.11	Infection Risk
08/18	83.3	66.2	7.0	1.43	Infection Risk
08/19	85.6	66.4	6.5	0.95	
08/20	82.8	68.9	10.0	2.51	Infection Risk
08/21	83.0	67.1	13.5	1.46	Infection Risk
08/22	81.0	59.3	7.5	2.33	Infection Risk
08/23	82.4	57.7		0.00	
08/24	75.3	62.3	2.3	0.32	

Newport Botrytis - Grape From 2011-08-09 To 2011-08-24

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
08/09	78.6	66.5	13.0	11.5	0.60	Moderate Infection Risk
08/10	87.6	66.0	11.0	10.0	0.07	Low Infection Risk
08/11	85.0	60.4	6.5	6.8	0.00	
08/12	85.6	59.0	0.8	0.5	0.00	
08/13	89.6	59.5	6.3	6.0	0.00	
08/14	72.6	67.8	17.8	8.0	1.80	High Infection Risk
08/15	70.3	60.9	24.0	23.5	3.33	High Infection Risk
08/16	77.6	60.2	9.5	11.5	0.00	
08/17	90.7	59.7	8.0	9.3	0.00	
08/18	83.3	66.2	7.0	8.0	0.00	
08/19	85.6	66.4	6.5	8.3	0.00	
08/20	82.8	68.9	10.0	10.0	0.00	
08/21	83.0	67.1	13.5	12.8	0.77	Moderate Infection Risk
08/22	81.0	59.3	7.5	7.5	0.00	
08/23	82.4	57.7			0.00	
08/24	75.3	62.3	2.3	1.8	0.00	

Newport Downy Mildew - Grape From 2011-08-09 To 2011-08-24

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
08/09	78.6	0.0	0.08	13.0	11.3	11.3	1	Primary Infection
08/10	87.6	>min	0.22	11.0	9.5	9.5	3	High Risk of Infection
08/11	85.0	>min		6.5	6.5	2.8	3	High Risk of Infection
08/12	85.6	>min		0.8	0.0	0.0	0	
08/13	89.6	>min		6.3	3.5	0.3	1	Possible Infection
08/14	72.6	>min	0.01	17.8	3.5	3.5	3	High Risk of Infection
08/15	70.3	>min	2.09	24.0	21.5	15.3	3	High Risk of Infection
08/16	77.6	>min		9.5	10.8	0.0	1	Possible Infection
08/17	90.7	>min		8.0	8.5	1.8	3	High Risk of Infection
08/18	83.3	>min		7.0	7.0	7.0	3	High Risk of Infection
08/19	85.6	>min		6.5	6.8	6.8	3	High Risk of Infection
08/20	82.8	>min		10.0	9.0	9.0	3	High Risk of Infection
08/21	83.0	>min		13.5	9.0	9.0	3	High Risk of Infection
08/22	81.0	>min	0.05	7.5	7.5	7.5	3	High Risk of Infection
08/23	82.4	>min			0.0	0.0	0	
08/24	75.3	>min		2.3	0.8	0.0	1	Possible Infection

Newport Powdery Mildew - Grape From 2011-08-09 To 2011-08-24

Date	Temperature High	Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
08/09	78.6	71.9	14.0	0.0	13.0		
08/10	87.6	75.3	18.3	0.0	11.0	Heavy	
08/11	85.0	71.9	12.0	0.0	6.0		60 Heavy
08/12	85.6	72.2	12.5	0.0	0.5		80 Heavy
08/13	89.6	72.8	13.3	0.0	5.8		100 Heavy
08/14	72.6	70.5	16.3	0.0	15.0	Heavy	100 Heavy
08/15	70.3	67.2	1.8	0.0	24.0	Heavy	90 Heavy
08/16	77.6	66.3	8.0	0.0	7.8	Heavy	100 Heavy
08/17	90.7	72.3	10.5	0.0	7.5		100 Heavy
08/18	83.3	74.2	17.5	0.0	6.8		100 Heavy
08/19	85.6	74.2	19.5	0.0	6.3		100 Heavy
08/20	82.8	73.8	17.0	0.0	9.5	Heavy	100 Heavy
08/21	83.0	74.1	17.5	0.0	12.3		100 Heavy
08/22	81.0	71.9	15.0	0.0	7.5		100 Heavy
08/23	82.4	68.9	10.0	0.0	0.0		100 Heavy
08/24	75.3	65.6	1.5	0.0	2.0		90 Heavy

Newport Phomopsis Cane+Leaf Spot - Grape From 2011-08-09 To 2011-08-24

Date	Temp Mean	Wet Hours	Rain- Fall	Wet+ Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
08/09	71.9	13.8	0.08	9.5	70.6	38 Moderate	69 Moderate
08/10	75.3	11.0	0.22	13.0	70.9	58 Moderate	96 High
08/11	71.9	7.0	0.00	0.0	0.0	0	0
08/12	72.2	1.8	0.00	0.0	0.0	0	0
08/13	72.8	6.8	0.00	0.0	0.0	0	0
08/14	70.5	22.3	0.01	9.0	69.5	36 Moderate	66 Moderate
08/15	67.2	24.0	2.09	33.0	67.9	244 High	259 High
08/16	66.3	11.0	0.00	39.8	66.6	326 High	315 High
08/17	72.3	8.8	0.00	0.0	0.0	0	0
08/18	74.2	8.3	0.00	0.0	0.0	0	0
08/19	74.2	8.3	0.00	0.0	0.0	0	0
08/20	73.8	10.3	0.00	0.0	0.0	0	0
08/21	74.1	15.0	0.00	0.0	0.0	0	0
08/22	71.9	7.8	0.05	6.3	70.5	21 Light	45 Moderate
08/23	68.9	0.0	0.00	0.0	0.0	0	0
08/24	65.6	2.3	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