

Newport RI Black Rot - Grape From 2010-09-22 To 2010-10-06

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
09/22	75.5	62.2	5.3	0.89	
09/23	78.3	58.4	7.3	1.98	Infection Risk
09/24	70.8	57.5	8.0	1.17	Infection Risk
09/25	80.5	64.5	11.5	2.40	Infection Risk
09/26	75.8	59.9	1.3	0.14	
09/27	68.6	59.1	16.3	2.22	Infection Risk
09/28	74.6	67.0	15.5	4.88	Infection Risk
09/29	79.4	64.0	16.5	7.63	Infection Risk
09/30	73.9	64.9	18.5	10.81	Infection Risk
10/01	76.4	56.4	23.8	14.36	Infection Risk
10/02	71.2	48.2	4.8	14.53	Infection Risk
10/03	59.4	47.1	0.8	0.05	
10/04	63.4	52.3	8.5	0.42	
10/05	60.9	55.4	15.8	1.57	Infection Risk
10/06	61.8	58.5	9.3	2.53	Infection Risk

Newport RI Botrytis - Grape From 2010-09-22 To 2010-10-06

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
09/22	75.5	62.2	5.3	4.5	0.00	
09/23	78.3	58.4	7.3	7.8	0.00	
09/24	70.8	57.5	8.0	13.0	0.00	
09/25	80.5	64.5	11.5	10.3	0.25	Low Infection Risk
09/26	75.8	59.9	1.3	0.5	0.00	
09/27	68.6	59.1	16.3	24.0	3.00	High Infection Risk
09/28	74.6	67.0	15.5	18.5	1.33	High Infection Risk
09/29	79.4	64.0	16.5	16.0	1.56	High Infection Risk
09/30	73.9	64.9	18.5	20.5	2.00	High Infection Risk
10/01	76.4	56.4	23.8	19.8	2.96	High Infection Risk
10/02	71.2	48.2	4.8	3.3	0.00	
10/03	59.4	47.1	0.8		0.00	
10/04	63.4	52.3	8.5	5.3	0.00	
10/05	60.9	55.4	15.8	21.5	1.58	High Infection Risk
10/06	61.8	58.5	9.3	9.3	0.00	

Newport RI Downy Mildew - Grape From 2010-09-22 To 2010-10-06

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
09/22	75.5	0.0	0.03	5.3	3.8	3.8	1	Primary Infection
09/23	78.3	>min	0.01	7.3	7.8	2.8	3	High Risk of Infection
09/24	70.8	>min		8.0	9.3	8.0	3	High Risk of Infection
09/25	80.5	>min		11.5	9.0	8.0	3	High Risk of Infection
09/26	75.8	>min		1.3	0.0	0.0	0	
09/27	68.6	>min	0.21	16.3	24.0	10.5	3	High Risk of Infection
09/28	74.6	>min	0.02	15.5	14.0	14.0	3	High Risk of Infection
09/29	79.4	>min		16.5	15.3	13.3	3	High Risk of Infection
09/30	73.9	>min		18.5	17.8	17.3	3	High Risk of Infection
10/01	76.4	>min	0.80	23.8	19.3	12.3	3	High Risk of Infection
10/02	71.2	>min		4.8	2.3	0.0	1	Possible Infection
10/03	59.4	>min		0.8	0.0	0.0	0	
10/04	63.4	>min	0.07	8.5	1.0	0.0	1	Possible Infection
10/05	60.9	>min	0.09	15.8	16.5	0.0	1	Possible Infection
10/06	61.8	>min		9.3	9.3	0.0	1	Possible Infection

Newport RI Powdery Mildew - Grape From 2010-09-22 To 2010-10-06

Date	Temperature High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
09/22	75.5	68.8	9.0	0.0	5.3		
09/23	78.3	66.7	6.8	0.0	7.3	Heavy	
09/24	70.8	65.8	1.0	0.0	7.8		
09/25	80.5	71.2	10.5	0.0	11.5	Heavy	
09/26	75.8	65.0	6.0	0.0	1.0		
09/27	68.6	63.7	0.0	0.0	16.0	Heavy	
09/28	74.6	69.6	10.0	0.0	14.8	Heavy	
09/29	79.4	70.1	7.5	0.0	16.5	Heavy	
09/30	73.9	70.2	10.5	0.0	18.3	Heavy	60 Heavy
10/01	76.4	67.1	5.8	0.0	23.0	Heavy	50 Medium
10/02	71.2	59.0	1.8	0.0	4.5	Heavy	40 Medium
10/03	59.4	53.5	0.0	0.0	0.8		30 Light
10/04	63.4	56.4	0.0	0.0	8.3		20 Light
10/05	60.9	58.3	0.0	0.0	15.5	Heavy	10 Light
10/06	61.8	59.7	0.0	0.0	9.3	Heavy	0

Newport RI Phomopsis Cane+Leaf Spot - Grape From 2010-09-22 To 2010-10-06

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
09/22	68.8	8.8	0.03	0.8	68.1	1 Light	5 Light
09/23	66.7	7.5	0.01	8.3	65.2	35 Moderate	61 Moderate
09/24	65.8	8.5	0.00	0.0	0.0	0	0
09/25	71.2	12.3	0.00	0.0	0.0	0	0
09/26	65.0	1.8	0.00	0.0	0.0	0	0
09/27	63.7	17.3	0.21	8.3	59.9	34 Moderate	54 Moderate
09/28	69.6	17.3	0.02	4.8	69.1	15 Light	34 Moderate
09/29	70.1	17.0	0.00	14.8	68.6	76 Moderate	112 High
09/30	70.2	21.8	0.00	0.0	0.0	0	0
10/01	67.1	24.0	0.80	11.8	62.5	58 Moderate	84 Moderate
10/02	59.0	7.0	0.00	16.3	60.6	90 Moderate	113 High
10/03	53.5	0.8	0.00	0.0	0.0	0	0
10/04	56.4	11.5	0.07	6.8	53.2	17 Light	30 Moderate
10/05	58.3	18.3	0.09	8.0	57.1	29 Light	47 Moderate

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