

Newport RI Black Rot - Grape From 2010-08-24 To 2010-09-08

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
08/24	65.3	60.5	21.3	2.73	Infection Risk
08/25	71.5	62.9	12.0	4.45	Infection Risk
08/26	85.9	61.6	6.0	0.91	
08/27	80.1	57.5	2.0	0.19	
08/28	83.8	55.7		0.00	
08/29	94.7	59.4	3.8	0.41	
08/30	94.3	65.0		0.00	
08/31	95.7	66.7		0.00	
09/01	98.5	70.6		0.00	
09/02	89.5	70.3	3.5	0.39	
09/03	80.1	69.4	21.3	3.88	Infection Risk
09/04	82.8	64.0	7.5	5.17	Infection Risk
09/05	75.2	54.6	0.5	0.04	
09/06	81.4	51.2	6.8	0.41	
09/07	78.0	65.1		0.00	
09/08	74.5	68.2		0.00	

Newport RI Botrytis - Grape From 2010-08-24 To 2010-09-08

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
08/24	65.3	60.5	21.3	23.3	2.81	High Infection Risk
08/25	71.5	62.9	12.0	16.5	1.23	High Infection Risk
08/26	85.9	61.6	6.0	7.0	0.00	
08/27	80.1	57.5	2.0		0.00	
08/28	83.8	55.7			0.00	
08/29	94.7	59.4	3.8	1.0	0.00	
08/30	94.3	65.0			0.00	
08/31	95.7	66.7			0.00	
09/01	98.5	70.6			0.00	
09/02	89.5	70.3	3.5		0.00	
09/03	80.1	69.4	21.3	21.3	2.60	High Infection Risk
09/04	82.8	64.0	7.5	7.5	0.00	
09/05	75.2	54.6	0.5		0.00	
09/06	81.4	51.2	6.8	2.8	0.00	
09/07	78.0	65.1			0.00	
09/08	74.5	68.2			0.00	

Newport RI Downy Mildew - Grape From 2010-08-24 To 2010-09-08

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95RH 43-86	66-77	Risk	Warning
08/24	65.3	0.0	0.06	21.3	21.8	0.0	1	Primary Infection
08/25	71.5	>min	0.29	12.0	15.8	5.0	3	High Risk of Infection
08/26	85.9	>min	0.01	6.0	6.5	0.5	3	High Risk of Infection
08/27	80.1	>min		2.0	0.0	0.0	0	
08/28	83.8	>min			0.0	0.0	0	
08/29	94.7	>min		3.8	0.0	0.0	0	
08/30	94.3	>min			0.0	0.0	0	
08/31	95.7	>min			0.0	0.0	0	
09/01	98.5	>min			0.0	0.0	0	
09/02	89.5	>min		3.5	0.0	0.0	0	
09/03	80.1	>min	1.08	21.3	19.3	18.8	3	High Risk of Infection
09/04	82.8	>min	0.08	7.5	7.3	7.3	3	High Risk of Infection
09/05	75.2	>min		0.5	0.0	0.0	0	
09/06	81.4	>min		6.8	0.3	0.0	0	
09/07	78.0	>min			0.0	0.0	0	
09/08	74.5	>min			0.0	0.0	0	

Newport RI Powdery Mildew - Grape From 2010-08-24 To 2010-09-08

Date	Temperature High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
08/24	65.3	62.6	0.0	0.0	21.0	Heavy	
08/25	71.5	66.5	3.3	0.0	12.0	Heavy	
08/26	85.9	71.5	10.5	0.0	5.8		
08/27	80.1	68.0	10.8	0.0	2.0		
08/28	83.8	69.4	11.0	0.0	0.0		60 Heavy
08/29	94.7	75.9	4.3	0.0	3.8		50 Medium
08/30	94.3	77.5	4.0	0.0	0.0		40 Medium
08/31	95.7	81.0	5.5	1.5	0.0		30 Light
09/01	98.5	82.0	20.3	1.8	0.0		40 Medium
09/02	89.5	77.6	20.5	0.0	3.0		60 Heavy
09/03	80.1	73.9	23.0	0.0	21.3	Heavy	80 Heavy
09/04	82.8	74.0	18.3	0.0	7.5	Heavy	100 Heavy
09/05	75.2	65.9	8.3	0.0	0.5		100 Heavy
09/06	81.4	66.0	9.8	0.0	6.8		100 Heavy
09/07	78.0	71.1	11.0	0.0	0.0		100 Heavy
09/08	74.5	69.5	1.3	0.0	0.0		90 Heavy

Newport RI Phomopsis Cane+Leaf Spot - Grape From 2010-08-24 To 2010-09-08

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
08/24	62.6	23.0	0.06	15.0	62.5	82 Moderate	109 High
08/25	66.5	13.3	0.29	29.5	64.3	218 High	227 High
08/26	71.5	7.8	0.01	0.0	0.0	0	0
08/27	68.0	2.0	0.00	0.0	0.0	0	0
08/28	69.4	0.0	0.00	0.0	0.0	0	0
08/29	75.9	4.5	0.00	0.0	0.0	0	0
08/30	77.5	0.0	0.00	0.0	0.0	0	0
08/31	81.0	0.0	0.00	0.0	0.0	0	0
09/01	82.0	0.0	0.00	0.0	0.0	0	0
09/02	77.6	5.3	0.00	0.0	0.0	0	0
09/03	73.9	22.0	1.08	16.0	75.6	60 Moderate	105 High
09/04	74.0	7.8	0.08	21.0	73.9	99 High	147 High
09/05	65.9	0.5	0.00	0.0	0.0	0	0
09/06	66.0	6.8	0.00	0.0	0.0	0	0
09/07	71.1	0.0	0.00	0.0	0.0	0	0
09/08	69.5	0.0	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