

Newport RI Black Rot - Grape From 2010-09-01 To 2010-09-15

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
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	81.3	62.0		0.00	
09/09	76.8	55.8		0.00	
09/10	72.9	58.1		0.00	
09/11	75.5	53.0	4.5	0.20	
09/12	65.9	50.5	10.5	0.49	
09/13	65.4	51.8	11.8	0.90	
09/14	81.9	55.4	7.3	1.08	Infection Risk
09/15	64.3	51.5		0.00	

Newport RI Botrytis - Grape From 2010-09-01 To 2010-09-15

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
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	81.3	62.0			0.00	
09/09	76.8	55.8			0.00	
09/10	72.9	58.1			0.00	
09/11	75.5	53.0	4.5		0.00	
09/12	65.9	50.5	10.5	5.3	0.00	
09/13	65.4	51.8	11.8	11.5	0.00	
09/14	81.9	55.4	7.3	7.5	0.00	
09/15	64.3	51.5			0.00	

Newport RI Downy Mildew - Grape From 2010-09-01 To 2010-09-15

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
09/01	98.5				0.0	0.0	0	
09/02	89.5	0.0		3.5	0.0	0.0	0	Primary Infection
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	81.3	>min			0.0	0.0	0	
09/09	76.8	>min			0.0	0.0	0	
09/10	72.9	>min			0.0	0.0	0	
09/11	75.5	>min		4.5	0.0	0.0	0	
09/12	65.9	>min		10.5	4.3	0.0	1	Possible Infection
09/13	65.4	>min	0.01	11.8	9.0	0.0	1	Possible Infection
09/14	81.9	>min		7.3	6.3	0.0	1	Possible Infection
09/15	64.3	>min			0.0	0.0	0	

Newport RI Powdery Mildew - Grape From 2010-09-01 To 2010-09-15

Date	Temperature High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
09/01	98.5	82.0	14.8	1.8	0.0		
09/02	89.5	77.6	20.5	0.0	3.0		
09/03	80.1	73.9	23.0	0.0	21.3	Heavy	60 Heavy
09/04	82.8	74.0	18.3	0.0	7.5	Heavy	80 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	81.3	71.9	13.3	0.0	0.0		100 Heavy
09/09	76.8	65.4	7.3	0.0	0.0		100 Heavy
09/10	72.9	63.6	3.0	0.0	0.0		90 Heavy
09/11	75.5	63.3	7.8	0.0	4.5		100 Heavy
09/12	65.9	58.6	0.0	0.0	10.5		90 Heavy
09/13	65.4	58.8	0.0	0.0	11.5		80 Heavy
09/14	81.9	67.4	9.3	0.0	7.3		100 Heavy
09/15	64.3	56.7	0.0	0.0	0.0		90 Heavy

Newport RI Phomopsis Cane+Leaf Spot - Grape From 2010-09-01 To 2010-09-15

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
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	71.9	0.3	0.00	0.0	0.0	0	0
09/09	65.4	0.0	0.00	0.0	0.0	0	0
09/10	63.6	0.0	0.00	0.0	0.0	0	0
09/11	63.3	4.8	0.00	0.0	0.0	0	0
09/12	58.6	12.8	0.00	0.0	0.0	0	0
09/13	58.8	12.8	0.01	2.3	57.0	5 Light	12 Light
09/14	67.4	7.5	0.00	0.0	0.0	0	0
09/15	56.7	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