

Newport 2011 Black Rot - Grape From 2011-05-29 To 2011-06-10

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
05/29	74.6	62.0	15.8	1.57	Infection Risk
05/30	87.5	61.7	10.3	1.66	Infection Risk
05/31	85.5	58.5	8.8	1.26	Infection Risk
06/01	70.8	58.5	12.5	1.80	Infection Risk
06/02	80.7	54.4	5.5	0.86	
06/03	73.4	48.8	1.0	0.05	
06/04	74.3	44.9	2.3	0.15	
06/05	68.0	42.2	0.3	0.01	
06/06	79.4	52.1	3.5	0.19	
06/07	87.5	54.1	3.5	0.27	
06/08	91.7	61.9	1.5	0.23	
06/09	88.9	64.5	8.5	0.90	
06/10	65.1	64.5	4.0	1.50	Infection Risk

Newport 2011 Downy Mildew - Grape From 2011-05-29 To 2011-06-10

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
05/29	74.6	0.0		15.8	17.8	2.3	1	Primary Infection
05/30	87.5	>min		10.3	12.3	2.8	3	High Risk of Infection
05/31	85.5	>min		8.8	8.3	2.5	3	High Risk of Infection
06/01	70.8	>min	0.02	12.5	12.0	2.3	3	High Risk of Infection
06/02	80.7	>min		5.5	4.5	0.0	1	Possible Infection
06/03	73.4	>min		1.0	0.0	0.0	0	
06/04	74.3	>min		2.5	0.0	0.0	0	
06/05	68.0	>min		5.5	4.8	0.0	1	Possible Infection
06/06	79.4	>min		3.5	3.0	0.0	1	Possible Infection
06/07	87.5	>min		3.5	2.3	0.0	1	Possible Infection
06/08	91.7	>min		1.5	0.0	0.0	0	
06/09	88.9	>min	0.55	8.5	5.3	2.3	3	High Risk of Infection
06/10	65.1	>min		4.0	4.0	0.0	1	Possible Infection

Newport 2011 Powdery Mildew - Grape From 2011-05-29 To 2011-06-10

Date	Temperature		Hours	Hours	Wet	Ascospore	Conidial
	High	Mean	70-85	>95	Hours	Infection	Index
05/29	74.6	66.2	4.5	0.0	15.5		
05/30	87.5	71.1	5.5	0.0	10.3		
05/31	85.5	70.1	10.3	0.0	8.8		
06/01	70.8	65.3	1.3	0.0	11.0	Heavy	
06/02	80.7	66.5	9.0	0.0	5.3		
06/03	73.4	59.8	2.8	0.0	0.8		
06/04	74.3	59.3	5.3	0.0	1.8		
06/05	68.0	56.2	0.0	0.0	5.5		
06/06	79.4	65.1	10.0	0.0	3.5		
06/07	87.5	70.6	10.8	0.0	3.5		
06/08	91.7	77.5	10.3	0.0	0.8		60 Heavy
06/09	88.9	73.2	10.0	0.0	7.5		80 Heavy
06/10	65.1	64.8	0.0	0.0	4.0		70 Heavy

Newport 2011 Phomopsis Cane+Leaf Spot - Grape From 2011-05-29 To 2011-06-10

Date	Temp	Wet	Rain-	Wet+	Wet	Disease Intensity	
	Mean	Hours	Fall	Rain	Temp	Catawba	Seyval
05/29	66.2	16.8	0.00	0.0	0.0	0	0
05/30	71.1	11.5	0.00	0.0	0.0	0	0
05/31	70.1	9.0	0.00	0.0	0.0	0	0
06/01	65.3	16.8	0.02	3.8	66.1	11 Light	27 Light
06/02	66.5	6.0	0.00	0.0	0.0	0	0
06/03	59.8	1.3	0.00	0.0	0.0	0	0
06/04	59.3	4.0	0.00	0.0	0.0	0	0
06/05	56.2	6.0	0.00	0.0	0.0	0	0
06/06	65.1	4.3	0.00	0.0	0.0	0	0
06/07	70.6	4.3	0.00	0.0	0.0	0	0
06/08	77.5	2.8	0.00	0.0	0.0	0	0
06/09	73.2	9.5	0.55	9.5	66.2	42 Moderate	71 Moderate
06/10	64.8	4.0	0.00	10.3	65.3	48 Moderate	76 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