

Hamden Black Rot - Grape From 2012-06-01 To 2012-06-13

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
06/01	74.3	55.0	1.8	0.14	
06/02	73.3	56.0	15.5	1.71	Infection Risk
06/03	76.2	54.2	7.5	1.91	Infection Risk
06/04	61.7	49.6	10.0	0.90	
06/05	64.0	47.4	5.8	0.28	
06/06	71.7	49.8	11.3	0.55	
06/07	75.7	50.7	9.8	0.75	
06/08	79.5	50.5	6.5	0.77	
06/09	73.7	59.8	1.5	0.13	
06/10	82.1	56.2	5.5	0.65	
06/11	75.0	57.0	6.0	0.36	
06/12	72.1	58.1	15.8	1.38	Infection Risk
06/13	65.8	63.6	8.5	2.60	Infection Risk

Hamden Downy Mildew - Grape From 2012-06-01 To 2012-06-13

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
06/01	74.3	0.0	0.08	1.8	0.0	0.0	0	Primary Infection
06/02	73.3	>min	2.14	15.5	15.0	0.0	1	Possible Infection
06/03	76.2	>min	0.30	7.5	0.5	0.0	1	Possible Infection
06/04	61.7	>min	0.09	10.0	6.3	0.0	1	Possible Infection
06/05	64.0	>min	0.02	7.5	3.8	0.0	1	Possible Infection
06/06	71.7	>min	0.02	11.3	10.0	0.0	1	Possible Infection
06/07	75.7	>min		9.8	7.8	0.0	1	Possible Infection
06/08	79.5	>min		6.5	5.5	0.0	1	Possible Infection
06/09	73.7	>min		1.5	0.0	0.0	0	
06/10	82.1	>min		5.5	4.8	0.0	1	Possible Infection
06/11	75.0	>min		6.0	0.0	0.0	0	
06/12	72.1	>min	0.39	15.8	14.3	0.0	1	Possible Infection
06/13	65.8	>min	0.76	8.5	8.5	0.0	1	Possible Infection

Hamden Powdery Mildew - Grape From 2012-06-01 To 2012-06-13

Date	Temperature		Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
	High	Mean					
06/01	74.3	63.5	5.3	0.0	1.8		
06/02	73.3	62.2	2.5	0.0	14.8	Heavy	
06/03	76.2	63.9	6.3	0.0	7.0		
06/04	61.7	54.8	0.0	0.0	10.0		
06/05	64.0	55.6	0.0	0.0	7.5		
06/06	71.7	60.5	0.5	0.0	11.0		
06/07	75.7	63.7	3.8	0.0	9.8		
06/08	79.5	67.3	11.3	0.0	6.5		
06/09	73.7	67.4	5.8	0.0	1.5		
06/10	82.1	69.6	11.8	0.0	5.5		
06/11	75.0	65.2	7.5	0.0	5.8		
06/12	72.1	64.5	2.3	0.0	15.8		
06/13	65.8	64.2	0.0	0.0	8.5	Heavy	

Hamden Phomopsis Cane+Leaf Spot - Grape From 2012-06-01 To 2012-06-13

Date	Temp Mean	Wet Hours	Rain- Fall	Wet+ Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
06/01	63.5	1.8	0.08	1.5	56.3	3 Light	8 Light
06/02	62.2	16.3	2.14	15.0	58.8	76 Moderate	97 High
06/03	63.9	7.5	0.30	8.5	59.6	35 Moderate	56 Moderate
06/04	54.8	10.0	0.09	11.3	55.8	44 Moderate	62 Moderate
06/05	55.6	7.8	0.02	0.3	57.4	0 Light	1 Light
06/06	60.5	11.3	0.02	0.3	63.1	0 Light	2 Light
06/07	63.7	9.8	0.00	0.0	0.0	0	0
06/08	67.3	6.5	0.00	0.0	0.0	0	0
06/09	67.4	1.8	0.00	0.0	0.0	0	0
06/10	69.6	5.8	0.00	0.0	0.0	0	0
06/11	65.2	6.0	0.00	0.0	0.0	0	0
06/12	64.5	16.5	0.39	8.5	64.5	37 Moderate	62 Moderate
06/13	64.2	8.5	0.76	17.5	64.4	103 High	132 High

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