

Hamden Black Rot - Grape From 2012-05-11 To 2012-05-24

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
05/11	69.3	41.7		0.00	
05/12	79.6	40.3		0.00	
05/13	80.9	49.1	5.0	0.22	
05/14	73.9	59.2	5.8	0.44	
05/15	67.4	57.8	19.8	2.39	Infection Risk
05/16	74.8	59.0	12.3	3.35	Infection Risk
05/17	72.2	49.3	2.0	0.73	
05/18	71.7	46.8	0.5	0.02	
05/19	78.8	43.3	0.3	0.03	
05/20	79.3	47.0	1.3	0.05	
05/21	67.3	52.7	10.0	1.32	Infection Risk
05/22	68.2	61.9	19.8	4.08	Infection Risk
05/23	77.0	56.7	10.0	4.83	Infection Risk
05/24	73.9	58.8	6.8	1.10	Infection Risk

Hamden Downy Mildew - Grape From 2012-05-11 To 2012-05-24

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
05/11	69.3	0.0		0.5	0.0	0.0	0	Primary Infection
05/12	79.6	>min			0.0	0.0	0	
05/13	80.9	>min		5.0	0.0	0.0	0	
05/14	73.9	>min	0.02	5.8	0.5	0.0	1	Possible Infection
05/15	67.4	>min	1.17	19.8	17.0	0.0	1	Possible Infection
05/16	74.8	>min	0.05	12.3	15.5	0.0	1	Possible Infection
05/17	72.2	>min		2.0	1.5	0.0	1	Possible Infection
05/18	71.7	>min		1.5	0.0	0.0	0	
05/19	78.8	>min		5.3	0.0	0.0	0	
05/20	79.3	>min		3.8	0.0	0.0	0	
05/21	67.3	>min	0.10	10.0	7.3	0.0	1	Possible Infection
05/22	68.2	>min	0.27	19.8	19.3	1.5	3	High Risk of Infection
05/23	77.0	>min	0.01	10.0	9.8	0.3	1	Possible Infection
05/24	73.9	>min		6.8	8.3	0.0	1	Possible Infection

Hamden Powdery Mildew - Grape From 2012-05-11 To 2012-05-24

Date	Temperature		Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
	High	Mean					
05/11	69.3	56.9	0.0	0.0	1.5		
05/12	79.6	62.7	8.8	0.0	0.3		
05/13	80.9	65.5	10.0	0.0	5.0		
05/14	73.9	64.6	1.3	0.0	5.8		
05/15	67.4	61.2	0.0	0.0	19.8	Heavy	
05/16	74.8	65.1	5.5	0.0	12.0	Heavy	
05/17	72.2	60.6	3.8	0.0	2.0		
05/18	71.7	58.9	1.8	0.0	1.5		
05/19	78.8	61.5	9.0	0.0	5.3		
05/20	79.3	63.4	9.5	0.0	3.8		
05/21	67.3	60.6	0.0	0.0	10.0		
05/22	68.2	64.3	0.0	0.0	19.8	Heavy	
05/23	77.0	66.6	8.5	0.0	10.0	Heavy	
05/24	73.9	64.8	4.3	0.0	6.8		

HamdenPhomopsis Cane+Leaf Spot - Grape From 2012-05-11 To 2012-05-24

Date	Temp Mean	Wet Hours	Rain- Fall	Wet+ Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
05/11	56.9	1.5	0.00	0.0	0.0	0	0
05/12	62.7	0.0	0.00	0.0	0.0	0	0
05/13	65.5	5.5	0.00	0.0	0.0	0	0
05/14	64.6	6.5	0.02	1.5	60.0	3 Light	9 Light
05/15	61.2	19.8	1.17	21.0	60.5	129 High	146 High
05/16	65.1	12.5	0.05	20.0	61.5	123 High	144 High
05/17	60.6	2.0	0.00	0.0	0.0	0	0
05/18	58.9	1.5	0.00	0.0	0.0	0	0
05/19	61.5	5.3	0.00	0.0	0.0	0	0
05/20	63.4	4.0	0.00	0.0	0.0	0	0
05/21	60.6	10.0	0.10	10.5	62.9	50 Moderate	76 Moderate
05/22	64.3	20.0	0.27	65.0	63.0	673 High	505 High
05/23	66.6	10.3	0.01	6.5	59.4	24 Light	42 Moderate
05/24	64.8	7.0	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