

Hamden Black Rot - Grape From 2012-05-01 To 2012-05-16

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
05/01	56.4	47.4	6.5	0.34	
05/02	56.5	46.7		0.00	
05/03	54.6	49.3	14.0	0.62	
05/04	70.9	49.8	12.5	1.01	Infection Risk
05/05	63.2	53.6	8.5	0.91	
05/06	65.7	45.3	8.3	0.44	
05/07	69.9	43.5	2.5	0.10	
05/08	64.2	50.9	8.3	0.61	
05/09	61.8	56.4	20.5	2.63	Infection Risk
05/10	63.4	41.3	8.8	3.24	Infection Risk
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	66.8	61.0	8.0	3.35	Infection Risk

Hamden Downy Mildew - Grape From 2012-05-01 To 2012-05-16

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
05/01	56.4	0.0	0.30	7.3	5.8	0.0	1	Primary Infection
05/02	56.5	>min			0.0	0.0	0	
05/03	54.6	>min	0.07	14.0	14.8	0.0	1	Possible Infection
05/04	70.9	>min	0.16	12.5	14.5	0.0	1	Possible Infection
05/05	63.2	>min		8.5	9.8	0.0	1	Possible Infection
05/06	65.7	>min		10.0	7.3	0.0	1	Possible Infection
05/07	69.9	>min		9.0	7.0	0.0	1	Possible Infection
05/08	64.2	>min	0.24	8.3	4.3	0.0	1	Possible Infection
05/09	61.8	>min	0.33	20.5	24.0	0.0	1	Possible Infection
05/10	63.4	>min	0.72	9.0	7.5	0.0	1	Possible Infection
05/11	69.3	>min		0.5	0.0	0.0	0	
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	66.8	>min	0.05	8.0	12.0	0.0	1	Possible Infection

Hamden Powdery Mildew - Grape From 2012-05-01 To 2012-05-16

Date	Temperature		Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
	High	Mean					
05/01	56.4	51.5	0.0	0.0	7.3		
05/02	56.5	50.4	0.0	0.0	0.0		
05/03	54.6	51.1	0.0	0.0	14.0		
05/04	70.9	57.6	0.3	0.0	12.5	Heavy	
05/05	63.2	57.2	0.0	0.0	8.5		
05/06	65.7	56.9	0.0	0.0	10.0		
05/07	69.9	56.2	0.0	0.0	9.0		
05/08	64.2	56.8	0.0	0.0	8.3		
05/09	61.8	59.2	0.0	0.0	19.8	Heavy	
05/10	63.4	55.5	0.0	0.0	10.5	Heavy	
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	66.8	62.6	0.0	0.0	8.0	Heavy	

Hamden Phomopsis Cane+Leaf Spot-Grape From 2012-05-01 To 2012-05-16

Date	Temp Mean	Wet Hours	Rain- Fall	Wet+ Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
05/01	51.5	7.3	0.30	7.0	51.2	15 Light	26 Light
05/02	50.4	0.0	0.00	0.0	0.0	0	0
05/03	51.1	14.5	0.07	7.8	50.0	15 Light	24 Light
05/04	57.6	12.5	0.16	7.0	50.8	14 Light	24 Light
05/05	57.2	8.5	0.00	0.0	0.0	0	0
05/06	56.9	10.3	0.00	0.0	0.0	0	0
05/07	56.2	9.0	0.00	0.0	0.0	0	0
05/08	56.8	8.5	0.24	6.3	56.8	20 Light	35 Moderate
05/09	59.2	21.0	0.33	21.8	58.3	127 High	140 High
05/10	55.5	10.8	0.72	9.8	55.4	35 Moderate	52 Moderate
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	62.6	8.3	0.05	20.0	61.5	123 High	144 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