

Hamden Black Rot - Grape From 2012-05-22 To 2012-06-04

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
05/22	68.2	61.9	19.8	2.75	Infection Risk
05/23	77.0	56.7	10.0	3.51	Infection Risk
05/24	73.9	58.8	7.8	1.10	Infection Risk
05/25	70.8	58.8	13.8	1.81	Infection Risk
05/26	85.6	65.4	11.0	3.00	Infection Risk
05/27	82.6	62.7	4.3	1.15	Infection Risk
05/28	88.3	63.6	9.8	1.18	Infection Risk
05/29	89.3	64.5	10.0	1.40	Infection Risk
05/30	79.4	61.5	11.5	1.82	Infection Risk
05/31	80.4	60.3	5.5	1.19	Infection Risk
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	55.7	51.6	6.8	0.90	

Hamden Downy Mildew - Grape From 2012-05-22 To 2012-06-04

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
05/22	68.2	0.0	0.27	19.8	19.3	1.5	1	Primary Infection
05/23	77.0	>min	0.01	10.0	9.8	0.3	1	Possible Infection
05/24	73.9	>min		7.8	9.3	0.0	1	Possible Infection
05/25	70.8	>min	0.22	13.8	21.5	7.3	3	High Risk of Infection
05/26	85.6	>min		11.0	12.5	7.0	3	High Risk of Infection
05/27	82.6	>min	0.16	4.3	3.3	0.8	3	High Risk of Infection
05/28	88.3	>min	0.09	9.8	9.5	2.3	3	High Risk of Infection
05/29	89.3	>min	0.19	10.0	9.3	2.5	3	High Risk of Infection
05/30	79.4	>min	0.01	11.5	11.3	8.8	3	High Risk of Infection
05/31	80.4	>min		5.5	2.3	0.0	1	Possible Infection
06/01	74.3	>min	0.08	1.8	0.0	0.0	0	
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	55.7	>min	0.09	6.8	6.3	0.0	1	Possible Infection

Hamden Powdery Mildew - Grape From 2012-05-22 To 2012-06-04

Date	Temperature		Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
	High	Mean					
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	65.2	7.3	0.0	7.8		
05/25	70.8	64.2	0.5	0.0	13.8	Heavy	
05/26	85.6	72.5	12.8	0.0	11.0	Heavy	
05/27	82.6	71.4	11.3	0.0	4.3		
05/28	88.3	73.8	11.3	0.0	9.8		60 Heavy
05/29	89.3	74.5	5.0	0.0	10.0		50 Medium
05/30	79.4	70.1	12.0	0.0	11.5		70 Heavy
05/31	80.4	69.8	11.5	0.0	5.3		90 Heavy
06/01	74.3	63.5	5.3	0.0	1.8		80 Heavy
06/02	73.3	62.2	2.5	0.0	14.8	Heavy	70 Heavy
06/03	76.2	63.9	6.3	0.0	7.0		90 Heavy
06/04	55.7	53.9	0.0	0.0	6.8		80 Heavy

Hamden Phomopsis Cane+Leaf Spot - Grape From 2012-05-22 To 2012-06-04

Date	Temp Mean	Wet Hours	Rain- Fall	Wet+ Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
05/22	64.3	20.0	0.27	38.0	63.2	313 High	290 High
05/23	66.6	10.3	0.01	6.5	59.4	24 Light	42 Moderate
05/24	65.2	8.5	0.00	0.0	0.0	0	0
05/25	64.2	14.0	0.22	8.0	59.5	32 Moderate	52 Moderate
05/26	72.5	11.3	0.00	0.0	0.0	0	0
05/27	71.4	4.3	0.16	0.3	64.1	0 Light	2 Light
05/28	73.8	10.0	0.09	7.8	64.5	32 Moderate	57 Moderate
05/29	74.5	10.0	0.19	3.3	68.5	9 Light	23 Light
05/30	70.1	11.8	0.01	11.0	67.3	51 Moderate	83 Moderate
05/31	69.8	6.3	0.00	0.0	0.0	0	0
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	53.9	6.8	0.09	11.3	55.8	44 Moderate	62 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