

Hamden2010 Black Rot - Grape From 2010-05-20 To 2010-06-03

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
05/20	82.7	53.8	9.0	0.52	
05/21	85.5	59.2	4.5	0.88	
05/22	76.9	55.5	7.3	0.36	
05/23	80.3	62.9	9.3	1.10	Infection Risk
05/24	80.1	63.9	10.0	1.59	Infection Risk
05/25	85.6	61.2	6.8	1.43	Infection Risk
05/26	96.0	61.7	5.8	0.80	
05/27	82.1	63.1	6.0	1.04	Infection Risk
05/28	78.9	57.0	5.5	0.49	
05/29	78.1	56.7	10.3	0.68	
05/30	85.4	63.6	5.5	1.39	Infection Risk
05/31	81.4	62.6	5.5	0.80	
06/01	87.2	68.3	6.5	0.80	
06/02	86.4	63.2	9.3	1.84	Infection Risk
06/03	71.6	68.3	8.0	1.88	Infection Risk

Hamden2010 Downy Mildew - Grape From 2010-05-20 To 2010-06-03

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
05/20	82.7	0.0		9.0	6.3	0.0	1	Primary Infection
05/21	85.5	>min		4.5	1.5	0.0	1	Possible Infection
05/22	76.9	>min		7.3	0.0	0.0	0	
05/23	80.3	>min		9.3	3.3	0.3	1	Possible Infection
05/24	80.1	>min		10.0	8.8	1.3	3	High Risk of Infection
05/25	85.6	>min		6.8	7.0	0.3	1	Possible Infection
05/26	96.0	>min		5.8	2.3	0.0	1	Possible Infection
05/27	82.1	>min	0.10	6.0	1.0	1.0	3	High Risk of Infection
05/28	78.9	>min		5.5	1.3	0.0	1	Possible Infection
05/29	78.1	>min		10.3	5.3	0.0	1	Possible Infection
05/30	85.4	>min		5.5	3.5	0.5	3	High Risk of Infection
05/31	81.4	>min		5.5	0.0	0.0	0	
06/01	87.2	>min	0.10	6.5	4.8	4.8	3	High Risk of Infection
06/02	86.4	>min		9.3	7.5	5.0	3	High Risk of Infection
06/03	71.6	>min		8.0	8.8	8.8	3	High Risk of Infection

Hamden2010 Powdery Mildew - Grape From 2010-05-20 To 2010-06-03

Date	Temperature		Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
	High	Mean					
05/20	82.7	68.5	10.8	0.0	9.0		
05/21	85.5	71.1	11.3	0.0	4.5		
05/22	76.9	65.7	8.3	0.0	7.3		60 Heavy
05/23	80.3	68.8	9.0	0.0	8.5		80 Heavy
05/24	80.1	71.3	12.0	0.0	9.5		100 Heavy
05/25	85.6	73.6	14.5	0.0	6.5		100 Heavy
05/26	96.0	81.7	2.8	3.8	5.0		90 Heavy
05/27	82.1	71.2	17.5	0.0	6.0		100 Heavy
05/28	78.9	67.5	9.8	0.0	5.3		100 Heavy
05/29	78.1	68.1	11.0	0.0	10.3		100 Heavy
05/30	85.4	74.8	11.3	0.0	5.3		100 Heavy
05/31	81.4	71.3	13.5	0.0	5.5		100 Heavy
06/01	87.2	75.2	16.8	0.0	6.3		100 Heavy
06/02	86.4	75.3	13.8	0.0	9.0		100 Heavy
06/03	71.6	70.2	7.5	0.0	8.0		100 Heavy

Hamden2010 Phomopsis Cane+Leaf Spot - Grape From 2010-05-20 To 2010-06-03

Date	Temp Mean	Wet Hours	Rain- Fall	Wet+ Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
05/20	68.5	9.3	0.00	0.0	0.0	0	0
05/21	71.1	4.8	0.00	0.0	0.0	0	0
05/22	65.7	7.5	0.00	0.0	0.0	0	0
05/23	68.8	10.8	0.00	0.0	0.0	0	0
05/24	71.3	10.5	0.00	0.0	0.0	0	0
05/25	73.6	7.0	0.00	0.0	0.0	0	0
05/26	81.7	6.0	0.00	0.0	0.0	0	0
05/27	71.2	6.0	0.10	6.0	70.7	19 Light	43 Moderate
05/28	67.5	5.5	0.00	0.0	0.0	0	0
05/29	68.1	10.3	0.00	0.0	0.0	0	0
05/30	74.8	6.3	0.00	0.0	0.0	0	0
05/31	71.3	5.8	0.00	0.0	0.0	0	0
06/01	75.2	7.5	0.10	1.0	75.6	1 Light	6 Light
06/02	75.3	9.3	0.00	0.0	0.0	0	0
06/03	70.2	8.8	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