

Hamden CT Black Rot - Grape From 2010-06-10 To 2010-06-24

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
06/10	77.1	60.8	13.5	1.00	
06/11	72.9	58.7	10.3	1.50	Infection Risk
06/12	74.5	61.0	9.5	1.82	Infection Risk
06/13	76.5	67.3	11.5	3.11	Infection Risk
06/14	81.1	67.6	8.0	1.69	Infection Risk
06/15	83.2	60.5	6.5	0.95	
06/16	78.7	56.8	9.8	1.05	Infection Risk
06/17	77.8	62.5	6.8	1.63	Infection Risk
06/18	89.6	59.0	7.3	0.67	
06/19	82.2	59.1	6.5	0.99	
06/20	89.4	71.2	3.8	0.33	
06/21	89.4	72.4		0.00	
06/22	85.3	69.6	6.0	1.02	Infection Risk
06/23	90.7	72.6	10.8	2.19	Infection Risk
06/24	88.9	72.6	7.0	1.71	Infection Risk

Hamden CT Downy Mildew - Grape From 2010-06-10 To 2010-06-24

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
06/10	77.1	0.0	0.64	13.5	15.0	0.3	1	Primary Infection
06/11	72.9	>min		10.3	7.0	0.0	1	Possible Infection
06/12	74.5	>min	0.21	9.5	4.5	1.0	3	High Risk of Infection
06/13	76.5	>min	0.05	11.5	9.5	9.5	3	High Risk of Infection
06/14	81.1	>min	0.01	8.0	5.5	5.5	3	High Risk of Infection
06/15	83.2	>min		6.5	0.0	0.0	0	
06/16	78.7	>min		9.8	8.0	2.0	3	High Risk of Infection
06/17	77.8	>min		6.8	6.5	6.5	3	High Risk of Infection
06/18	89.6	>min		7.3	3.0	0.0	1	Possible Infection
06/19	82.2	>min		6.5	3.5	0.0	1	Possible Infection
06/20	89.4	>min		3.8	0.5	0.5	3	High Risk of Infection
06/21	89.4	>min			0.0	0.0	0	
06/22	85.3	>min	0.24	6.0	2.5	2.5	3	High Risk of Infection
06/23	90.7	>min	0.05	10.8	9.0	8.3	3	High Risk of Infection
06/24	88.9	>min		7.0	6.8	6.8	3	High Risk of Infection

Hamden CT Powdery Mildew - Grape From 2010-06-10 To 2010-06-24

Date	Temperature High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
06/10	77.1	65.7	5.8	0.0	13.5		
06/11	72.9	65.0	1.8	0.0	10.3		
06/12	74.5	68.5	5.3	0.0	9.0		
06/13	76.5	70.7	11.3	0.0	11.3	Heavy	
06/14	81.1	72.8	13.0	0.0	8.0		
06/15	83.2	72.2	14.3	0.0	6.3		60 Heavy
06/16	78.7	69.0	15.5	0.0	9.5		80 Heavy
06/17	77.8	72.3	19.8	0.0	6.8		100 Heavy
06/18	89.6	74.2	5.3	0.0	7.3		90 Heavy
06/19	82.2	71.7	16.5	0.0	6.3		100 Heavy
06/20	89.4	79.9	10.8	0.0	2.8		100 Heavy
06/21	89.4	81.0	17.5	0.0	0.0		100 Heavy
06/22	85.3	75.9	24.0	0.0	6.0		100 Heavy
06/23	90.7	80.5	12.3	0.0	10.8	Heavy	100 Heavy
06/24	88.9	77.0	12.3	0.0	6.8		100 Heavy

Hamden CT Phomopsis Cane+Leaf Spot - Grape From 2010-06-10 To 2010-06-24

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Disease Catawba	Intensity Seyval
06/10	65.7	13.8	0.64	15.0	62.5	82 Moderate	109 High
06/11	65.0	10.3	0.00	12.8	61.6	65 Moderate	90 Moderate
06/12	68.5	10.3	0.21	3.3	68.1	9 Light	23 Light
06/13	70.7	14.8	0.05	8.8	68.4	36 Moderate	65 Moderate
06/14	72.8	10.3	0.01	0.0	0.0	0	0
06/15	72.2	8.5	0.00	0.0	0.0	0	0
06/16	69.0	10.0	0.00	0.0	0.0	0	0
06/17	72.3	6.8	0.00	0.0	0.0	0	0
06/18	74.2	7.3	0.00	0.0	0.0	0	0
06/19	71.7	7.5	0.00	0.0	0.0	0	0
06/20	79.9	5.8	0.00	0.0	0.0	0	0
06/21	81.0	0.0	0.00	0.0	0.0	0	0
06/22	75.9	6.3	0.24	3.3	71.8	8 Light	22 Light
06/23	80.5	10.8	0.05	10.5	73.9	37 Moderate	72 Moderate
06/24	77.0	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