

Hamden CT Black Rot - Grape From 2010-06-16 To 2010-06-30

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
06/16	78.7	56.8	9.8	0.63	
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	93.0	72.6	7.5	1.76	Infection Risk
06/25	86.9	69.8	0.8	0.13	
06/26	88.6	66.5	8.3	1.32	Infection Risk
06/27	90.4	72.3	10.3	1.39	Infection Risk
06/28	95.0	75.1	11.3	1.40	Infection Risk
06/29	89.4	70.8	6.8	1.70	Infection Risk
06/30	80.3	62.6		0.00	

Hamden CT Downy Mildew - Grape From 2010-06-16 To 2010-06-30

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
06/16	78.7	0.0		9.8	8.0	2.0	1	Primary 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	93.0	>min	0.04	7.3	6.8	6.8	3	High Risk of Infection
06/25	86.9	>min		0.8	0.0	0.0	0	
06/26	88.6	>min		8.3	4.5	4.5	3	High Risk of Infection
06/27	90.4	>min	0.05	10.3	7.5	6.3	3	High Risk of Infection
06/28	95.0	>min	0.36	11.3	10.0	6.0	3	High Risk of Infection
06/29	89.4	>min		6.8	7.5	4.5	3	High Risk of Infection
06/30	80.3	>min			0.0	0.0	0	

Hamden CT Powdery Mildew - Grape From 2010-06-16 To 2010-06-30

Date	Temperature High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
06/16	78.7	69.0	15.5	0.0	9.5		
06/17	77.8	72.3	19.8	0.0	6.8		
06/18	89.6	74.2	5.3	0.0	7.3		
06/19	82.2	71.7	16.5	0.0	6.3		
06/20	89.4	79.9	10.8	0.0	2.8		
06/21	89.4	81.0	17.5	0.0	0.0		60 Heavy
06/22	85.3	75.9	24.0	0.0	6.0		80 Heavy
06/23	90.7	80.5	12.3	0.0	10.8	Heavy	100 Heavy
06/24	93.0	81.8	12.3	0.0	7.3		100 Heavy
06/25	86.9	77.8	24.0	0.0	0.8		100 Heavy
06/26	88.6	77.4	14.5	0.0	8.0		100 Heavy
06/27	90.4	80.4	13.0	0.0	10.3		100 Heavy
06/28	95.0	82.5	20.0	0.3	11.3		100 Heavy
06/29	89.4	81.2	9.0	0.0	6.8		100 Heavy
06/30	80.3	70.6	16.3	0.0	0.0		100 Heavy

Hamden CT Phomopsis Cane+Leaf Spot - Grape From 2010-06-16 To 2010-06-30

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Disease Catawba	Intensity Seyval
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	81.8	7.5	0.04	0.3	80.7	0 Light	1 Light
06/25	77.8	1.0	0.00	0.0	0.0	0	0
06/26	77.4	8.3	0.00	0.0	0.0	0	0
06/27	80.4	10.3	0.05	6.8	73.1	21 Light	46 Moderate
06/28	82.5	11.3	0.36	3.8	77.0	7 Light	22 Light
06/29	81.2	6.8	0.00	9.5	77.0	25 Light	57 Moderate
06/30	70.6	0.0	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