

Hamden CT Black Rot - Grape From 2010-06-01 To 2010-06-17

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
06/01	87.2	68.3	6.5	0.80	
06/02	86.4	63.2	9.3	1.84	Infection Risk
06/03	87.3	68.3	9.8	1.88	Infection Risk
06/04	88.8	66.6	7.3	1.35	Infection Risk
06/05	89.9	70.7	11.3	1.45	Infection Risk
06/06	86.8	61.6	7.8	1.90	Infection Risk
06/07	76.4	55.7	0.5	0.04	
06/08	72.8	54.6	0.8	0.06	
06/09	69.6	52.9	12.0	1.19	Infection Risk
06/10	77.1	60.8	13.5	2.19	Infection Risk
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	69.3	6.5	1.63	Infection Risk

Hamden CT Downy Mildew - Grape From 2010-06-01 To 2010-06-17

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
06/01	87.2	0.0	0.10	6.5	4.8	4.8	1	Primary Infection
06/02	86.4	>min		9.3	7.5	5.0	3	High Risk of Infection
06/03	87.3	>min		9.8	10.0	10.0	3	High Risk of Infection
06/04	88.8	>min		7.3	1.8	1.8	3	High Risk of Infection
06/05	89.9	>min	0.58	11.3	7.5	7.5	3	High Risk of Infection
06/06	86.8	>min	0.17	7.8	7.8	7.8	3	High Risk of Infection
06/07	76.4	>min		0.5	0.0	0.0	0	
06/08	72.8	>min		0.8	0.0	0.0	0	
06/09	69.6	>min	0.38	12.0	4.5	0.0	1	Possible Infection
06/10	77.1	>min	0.64	13.5	15.0	0.3	1	Possible 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		6.5	6.5	6.5	3	High Risk of Infection

Hamden CT Powdery Mildew - Grape From 2010-06-01 To 2010-06-17

Date	Temperature High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
06/01	87.2	75.2	16.8	0.0	6.3		
06/02	86.4	75.3	13.8	0.0	9.0		
06/03	87.3	75.8	21.5	0.0	9.8		60 Heavy
06/04	88.8	78.1	14.8	0.0	7.3		80 Heavy
06/05	89.9	79.7	10.5	0.0	11.3		100 Heavy
06/06	86.8	75.7	24.0	0.0	7.8		100 Heavy
06/07	76.4	66.3	9.3	0.0	0.5		100 Heavy
06/08	72.8	64.2	3.0	0.0	0.8		90 Heavy
06/09	69.6	61.7	0.0	0.0	11.8		80 Heavy
06/10	77.1	65.7	5.8	0.0	13.5	Heavy	70 Heavy
06/11	72.9	65.0	1.8	0.0	10.3		60 Heavy
06/12	74.5	68.5	5.3	0.0	9.0		50 Medium
06/13	76.5	70.7	11.3	0.0	11.3	Heavy	70 Heavy
06/14	81.1	72.8	13.0	0.0	8.0		90 Heavy
06/15	83.2	72.2	14.3	0.0	6.3		100 Heavy
06/16	78.7	69.0	15.5	0.0	9.5		100 Heavy
06/17	77.8	73.3	5.3	0.0	6.5		90 Heavy

Hamden CT Phomopsis Cane+Leaf Spot - Grape From 2010-06-01 To 2010-06-17

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
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	75.8	11.5	0.00	0.0	0.0	0	0
06/04	78.1	7.3	0.00	0.0	0.0	0	0
06/05	79.7	11.3	0.58	3.3	73.7	7 Light	21 Light
06/06	75.7	8.0	0.17	10.8	73.3	39 Moderate	75 Moderate
06/07	66.3	0.8	0.00	0.0	0.0	0	0
06/08	64.2	1.0	0.00	0.0	0.0	0	0
06/09	61.7	12.3	0.38	8.3	61.1	34 Moderate	56 Moderate
06/10	65.7	13.8	0.64	23.3	62.0	153 High	170 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	73.3	6.5	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