

Hamden CT Black Rot - Grape From 2010-07-22 To 2010-08-05

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
07/22	86.1	63.4	7.0	1.12	Infection Risk
07/23	75.2	64.7	14.8	2.47	Infection Risk
07/24	93.6	72.6	9.8	3.72	Infection Risk
07/25	89.5	68.7	11.5	2.16	Infection Risk
07/26	85.1	60.7	1.0	2.29	Infection Risk
07/27	89.4	63.5	1.8	0.28	
07/28	87.9	61.1	6.8	1.17	Infection Risk
07/29	88.4	69.8	8.3	1.34	Infection Risk
07/30	81.6	61.4	2.3	0.33	
07/31	81.0	57.0	2.0	0.21	
08/01	81.1	55.9	6.8	0.79	
08/02	82.9	62.9	4.0	0.57	
08/03	85.1	64.5	4.0	0.63	
08/04	88.3	70.5	6.8	0.59	
08/05	75.8	72.5	8.3	1.97	Infection Risk

Hamden CT Botrytis - Grape From 2010-07-22 To 2010-08-05

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
07/22	86.1	63.4	7.0	6.8	0.00	
07/23	75.2	64.7	14.8	7.5	0.96	Moderate Infection Risk
07/24	93.6	72.6	9.8	8.0	0.00	
07/25	89.5	68.7	11.5	9.5	0.08	Low Infection Risk
07/26	85.1	60.7	1.0		0.00	
07/27	89.4	63.5	1.8		0.00	
07/28	87.9	61.1	6.8	3.5	0.00	
07/29	88.4	69.8	8.3	0.5	0.00	
07/30	81.6	61.4	2.3		0.00	
07/31	81.0	57.0	2.0		0.00	
08/01	81.1	55.9	6.8	3.3	0.00	
08/02	82.9	62.9	4.0	0.3	0.00	
08/03	85.1	64.5	4.0		0.00	
08/04	88.3	70.5	6.8	1.3	0.00	
08/05	75.8	72.5	8.3	8.3	0.00	

Hamden CT Downy Mildew - Grape From 2010-07-22 To 2010-08-05

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
07/22	86.1	0.0	0.01	7.0	6.0	4.0	1	Primary Infection
07/23	75.2	>min	0.21	14.8	7.0	7.0	3	High Risk of Infection
07/24	93.6	>min	0.05	9.8	8.0	7.8	3	High Risk of Infection
07/25	89.5	>min	0.75	11.5	6.8	6.0	3	High Risk of Infection
07/26	85.1	>min		1.0	0.0	0.0	0	
07/27	89.4	>min		1.8	0.0	0.0	0	
07/28	87.9	>min		6.8	1.5	0.0	1	Possible Infection
07/29	88.4	>min	0.01	8.3	0.0	0.0	0	
07/30	81.6	>min		2.3	0.0	0.0	0	
07/31	81.0	>min		2.0	0.0	0.0	0	
08/01	81.1	>min		6.8	2.8	0.0	1	Possible Infection
08/02	82.9	>min		4.0	0.0	0.0	0	
08/03	85.1	>min		4.0	0.0	0.0	0	
08/04	88.3	>min		6.8	0.0	0.0	0	
08/05	75.8	>min	0.04	8.3	8.0	8.0	3	High Risk of Infection

Hamden CT Powdery Mildew - Grape From 2010-07-22 To 2010-08-05

Date	Temperature High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
07/22	86.1	75.3	14.8	0.0	7.0		
07/23	75.2	71.2	17.5	0.0	14.3	Heavy	
07/24	93.6	81.8	9.5	0.0	9.5	Heavy	60 Heavy
07/25	89.5	77.6	24.0	0.0	11.0		80 Heavy
07/26	85.1	74.7	16.8	0.0	1.0	Heavy	100 Heavy
07/27	89.4	76.3	7.5	0.0	1.8		100 Heavy
07/28	87.9	76.1	11.3	0.0	6.8		100 Heavy
07/29	88.4	77.9	20.8	0.0	8.3		100 Heavy
07/30	81.6	70.9	12.0	0.0	2.3		100 Heavy
07/31	81.0	68.1	10.0	0.0	2.0		100 Heavy
08/01	81.1	68.3	11.5	0.0	6.8		100 Heavy
08/02	82.9	72.6	16.0	0.0	3.8		100 Heavy
08/03	85.1	75.0	17.5	0.0	4.0		100 Heavy
08/04	88.3	78.8	20.3	0.0	6.5		100 Heavy
08/05	75.8	73.5	8.3	0.0	8.8		100 Heavy

Hamden CT SpecWare 9 Pro - Hamden2010 Phomopsis Cane+Leaf Spot - Grape  
 From 2010-07-22 To 2010-08-05

Date	Temp Mean	Wet Hours	Rain- Fall	Wet+ Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
07/22	75.3	7.0	0.01	0.8	67.8	1 Light	5 Light
07/23	71.2	16.0	0.21	12.0	72.7	48 Moderate	85 Moderate
07/24	81.8	10.8	0.05	19.5	73.0	94 High	140 High
07/25	77.6	12.0	0.75	9.5	75.3	29 Light	62 Moderate
07/26	74.7	1.0	0.00	0.0	0.0	0	0
07/27	76.3	2.3	0.00	0.0	0.0	0	0
07/28	76.1	8.0	0.00	0.0	0.0	0	0
07/29	77.9	9.3	0.01	0.3	77.4	0 Light	1 Light
07/30	70.9	2.5	0.00	0.0	0.0	0	0
07/31	68.1	2.5	0.00	0.0	0.0	0	0
08/01	68.3	7.0	0.00	0.0	0.0	0	0
08/02	72.6	6.5	0.00	0.0	0.0	0	0
08/03	75.0	5.0	0.00	0.0	0.0	0	0
08/04	78.8	7.3	0.00	0.0	0.0	0	0
08/05	73.5	8.3	0.04	2.0	74.9	3 Light	12 Light

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