

Hamden CT Black Rot - Grape From 2010-08-24 To 2010-09-08

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
08/24	69.5	62.5	4.8	0.70	
08/25	77.6	61.9	10.0	1.72	Infection Risk
08/26	81.5	63.5	7.8	1.57	Infection Risk
08/27	77.6	56.3	3.3	0.27	
08/28	82.7	53.2	5.8	0.60	
08/29	91.3	56.1	11.5	1.33	Infection Risk
08/30	91.6	63.1	2.5	1.02	Infection Risk
08/31	94.1	64.3	7.5	0.67	
09/01	94.1	66.5	8.8	1.89	Infection Risk
09/02	92.4	66.8	7.5	1.54	Infection Risk
09/03	84.3	68.1	12.0	1.94	Infection Risk
09/04	79.7	60.2	0.5	2.03	Infection Risk
09/05	73.5	48.5	4.5	0.19	
09/06	78.6	47.0	7.3	0.35	
09/07	85.3	58.6	8.0	0.82	
09/08	73.0	70.0	4.8	1.05	Infection Risk

Hamden CT Botrytis - Grape From 2010-08-24 To 2010-09-08

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
08/24	69.5	62.5	4.8	0.8	0.00	
08/25	77.6	61.9	10.0	9.5	0.00	
08/26	81.5	63.5	7.8	8.0	0.00	
08/27	77.6	56.3	3.3		0.00	
08/28	82.7	53.2	5.8	1.8	0.00	
08/29	91.3	56.1	11.5	7.0	0.00	
08/30	91.6	63.1	2.5		0.00	
08/31	94.1	64.3	7.5		0.00	
09/01	94.1	66.5	8.8	6.0	0.00	
09/02	92.4	66.8	7.5	4.0	0.00	
09/03	84.3	68.1	12.0	0.3	0.20	Low Infection Risk
09/04	79.7	60.2	0.5		0.00	
09/05	73.5	48.5	4.5	0.3	0.00	
09/06	78.6	47.0	8.3	2.5	0.00	
09/07	85.3	58.6	8.0	3.8	0.00	
09/08	73.0	70.0	4.8		0.00	

Hamden CT Downy Mildew - Grape From 2010-08-24 To 2010-09-08

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
08/24	69.5	0.0		4.8	0.3	0.0	0	Primary Infection
08/25	77.6	>min	0.02	10.0	7.8	0.3	1	Possible Infection
08/26	81.5	>min	0.13	7.8	7.8	7.0	3	High Risk of Infection
08/27	77.6	>min		3.3	0.0	0.0	0	
08/28	82.7	>min		5.8	0.3	0.0	0	
08/29	91.3	>min		11.5	6.5	0.0	1	Possible Infection
08/30	91.6	>min		2.5	0.0	0.0	0	
08/31	94.1	>min		7.5	0.0	0.0	0	
09/01	94.1	>min		8.8	5.3	5.3	3	High Risk of Infection
09/02	92.4	>min		7.5	3.0	3.0	3	High Risk of Infection
09/03	84.3	>min	0.01	12.0	0.0	0.0	0	
09/04	79.7	>min		0.5	0.0	0.0	0	
09/05	73.5	>min		4.5	0.0	0.0	0	
09/06	78.6	>min		8.3	0.8	0.0	1	Possible Infection
09/07	85.3	>min		8.0	3.5	0.0	1	Possible Infection
09/08	73.0	>min	0.01	4.8	0.0	0.0	0	

Hamden CT Powdery Mildew - Grape From 2010-08-24 To 2010-09-08

Date	Temperature High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
08/24	69.5	65.4	0.0	0.0	4.5		
08/25	77.6	68.0	8.5	0.0	10.0		
08/26	81.5	71.6	12.5	0.0	7.8		
08/27	77.6	66.7	9.3	0.0	3.3		60 Heavy
08/28	82.7	67.2	9.5	0.0	5.8		80 Heavy
08/29	91.3	73.3	4.0	0.0	11.5		70 Heavy
08/30	91.6	77.7	5.8	0.0	2.5		60 Heavy
08/31	94.1	78.9	6.0	0.0	7.5		80 Heavy
09/01	94.1	79.4	6.0	0.0	8.8		100 Heavy
09/02	92.4	79.1	12.0	0.0	7.5		100 Heavy
09/03	84.3	75.6	19.0	0.0	12.0		100 Heavy
09/04	79.7	72.9	19.0	0.0	0.5		100 Heavy
09/05	73.5	62.7	6.5	0.0	4.3		100 Heavy
09/06	78.6	63.5	9.3	0.0	7.8		100 Heavy
09/07	85.3	71.7	15.0	0.0	6.8		100 Heavy
09/08	73.0	71.2	8.3	0.0	4.3		100 Heavy

Hamden CT Phomopsis Cane+Leaf Spot - Grape From 2010-08-24 To 2010-09-08

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
08/24	65.4	6.3	0.00	0.0	0.0	0	0
08/25	68.0	10.5	0.02	7.5	62.2	31 Moderate	53 Moderate
08/26	71.6	8.0	0.13	4.3	66.6	13 Light	31 Moderate
08/27	66.7	3.8	0.00	0.0	0.0	0	0
08/28	67.2	5.8	0.00	0.0	0.0	0	0
08/29	73.3	11.8	0.00	0.0	0.0	0	0
08/30	77.7	2.5	0.00	0.0	0.0	0	0
08/31	78.9	8.0	0.00	0.0	0.0	0	0
09/01	79.4	9.5	0.00	0.0	0.0	0	0
09/02	79.1	7.5	0.00	0.0	0.0	0	0
09/03	75.6	12.8	0.01	1.8	74.6	3 Light	11 Light
09/04	72.9	1.5	0.00	2.3	74.6	4 Light	14 Light
09/05	62.7	4.8	0.00	0.0	0.0	0	0
09/06	63.5	8.8	0.00	0.0	0.0	0	0
09/07	71.7	10.8	0.00	0.0	0.0	0	0
09/08	71.2	5.5	0.01	0.8	71.3	1 Light	5 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

Disease Intensity projects the estimated lesions per leaf