

Hamden CT Black Rot - Grape From 2010-09-15 To 2010-09-29

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
09/15	70.8	43.9	1.8	0.06	
09/16	70.9	41.7	8.3	1.03	Infection Risk
09/17	72.1	54.9	10.5	2.45	Infection Risk
09/18	72.8	54.5	4.8	0.35	
09/19	80.2	51.9	9.8	0.84	
09/20	72.4	51.9		0.00	
09/21	72.9	40.5	1.3	0.08	
09/22	85.1	57.5	9.5	0.76	
09/23	79.7	60.4	9.3	1.66	Infection Risk
09/24	80.2	58.3	13.0	0.98	
09/25	85.8	64.1	7.8	2.15	Infection Risk
09/26	73.4	57.1		0.00	
09/27	62.4	57.5	20.5	2.19	Infection Risk
09/28	73.7	62.6	17.5	5.21	Infection Risk
09/29	71.2	62.7	7.3	6.37	Infection Risk

Hamden CT Botrytis - Grape From 2010-09-15 To 2010-09-29

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
09/15	70.8	43.9	7.0	2.3	0.00	
09/16	70.9	41.7	14.8	8.8	0.19	Low Infection Risk
09/17	72.1	54.9	10.5	8.8	0.00	
09/18	72.8	54.5	4.8	2.8	0.00	
09/19	80.2	51.9	9.8	8.0	0.00	
09/20	72.4	51.9			0.00	
09/21	72.9	40.5	7.0	2.5	0.00	
09/22	85.1	57.5	9.5	4.3	0.00	
09/23	79.7	60.4	9.3	4.8	0.00	
09/24	80.2	58.3	13.0	11.5	0.39	Low Infection Risk
09/25	85.8	64.1	7.8	8.0	0.00	
09/26	73.4	57.1			0.00	
09/27	62.4	57.5	20.5	19.3	1.97	High Infection Risk
09/28	73.7	62.6	17.5	13.5	1.71	High Infection Risk
09/29	71.2	62.7	7.3	6.3	0.00	

Hamden CT Downy Mildew - Grape From 2010-09-15 To 2010-09-29

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
09/15	70.8	0.0		7.0	0.3	0.0	0	Primary Infection
09/16	70.9	>min	0.76	12.5	5.8	3.0	3	High Risk of Infection
09/17	72.1	>min	0.30	10.5	8.8	4.8	3	High Risk of Infection
09/18	72.8	>min		4.8	2.3	0.0	1	Possible Infection
09/19	80.2	>min		9.8	7.8	0.0	1	Possible Infection
09/20	72.4	>min			0.0	0.0	0	
09/21	72.9	>min		3.5	0.3	0.0	0	
09/22	85.1	>min	0.35	9.5	2.5	2.5	3	High Risk of Infection
09/23	79.7	>min	0.01	9.3	4.0	2.3	3	High Risk of Infection
09/24	80.2	>min		13.0	8.0	3.8	3	High Risk of Infection
09/25	85.8	>min		7.8	8.0	4.0	3	High Risk of Infection
09/26	73.4	>min			0.0	0.0	0	
09/27	62.4	>min	0.53	20.5	18.5	0.0	1	Possible Infection
09/28	73.7	>min	0.48	17.5	10.8	10.5	3	High Risk of Infection
09/29	71.2	>min		7.3	5.3	2.3	3	High Risk of Infection

Hamden CT Powdery Mildew - Grape From 2010-09-15 To 2010-09-29

Date	Temperature High	Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
09/15	70.8	58.1	2.8	0.0	7.0		
09/16	70.9	58.6	0.3	0.0	14.8		
09/17	72.1	65.7	3.3	0.0	10.3	Heavy	
09/18	72.8	61.6	0.8	0.0	4.8		
09/19	80.2	65.6	8.8	0.0	9.5		
09/20	72.4	62.9	3.8	0.0	0.0		
09/21	72.9	58.7	3.3	0.0	7.0		
09/22	85.1	70.6	11.3	0.0	9.5		
09/23	79.7	68.1	8.0	0.0	9.3		
09/24	80.2	68.8	10.8	0.0	12.8		60 Heavy
09/25	85.8	73.5	7.8	0.0	7.8	Heavy	80 Heavy
09/26	73.4	63.8	5.0	0.0	0.0		70 Heavy
09/27	62.4	60.0	0.0	0.0	20.5	Heavy	60 Heavy
09/28	73.7	71.6	23.5	0.0	16.3	Heavy	80 Heavy
09/29	71.2	67.0	1.0	0.0	7.3	Heavy	70 Heavy

Hamden CT Phomopsis Cane+Leaf Spot - Grape From 2010-09-15 To 2010-09-29

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
09/15	58.1	7.0	0.00	0.0	0.0	0	0
09/16	58.6	14.8	0.76	6.0	65.3	22 Light	44 Moderate
09/17	65.7	11.0	0.30	15.0	65.7	82 Moderate	114 High
09/18	61.6	5.0	0.00	0.0	0.0	0	0
09/19	65.6	10.8	0.00	0.0	0.0	0	0
09/20	62.9	0.5	0.00	0.0	0.0	0	0
09/21	58.7	6.3	0.00	0.0	0.0	0	0
09/22	70.6	10.5	0.35	3.0	68.4	8 Light	21 Light
09/23	68.1	9.8	0.01	11.3	65.3	55 Moderate	84 Moderate
09/24	68.8	13.5	0.00	0.0	0.0	0	0
09/25	73.5	7.8	0.00	0.0	0.0	0	0
09/26	63.8	0.0	0.00	0.0	0.0	0	0
09/27	60.0	20.8	0.53	19.0	60.1	111 High	130 High
09/28	71.6	20.3	0.48	29.0	63.7	213 High	221 High
09/29	67.0	7.3	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