

Hamden CT Black Rot - Grape From 2010-09-08 To 2010-09-22

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
09/08	87.8	61.5	5.0	0.87	
09/09	69.8	55.9	1.3	0.06	
09/10	68.6	53.4	4.0	0.36	
09/11	78.0	54.6	2.5	0.25	
09/12	66.4	51.4	8.0	0.73	
09/13	68.2	57.2	9.8	1.04	Infection Risk
09/14	78.6	49.6	9.5	1.64	Infection Risk
09/15	70.8	43.9	1.8	0.13	
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	61.9	57.5	5.8	0.66	

Hamden CT Botrytis - Grape From 2010-09-08 To 2010-09-22

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
09/08	87.8	61.5	5.0		0.00	
09/09	69.8	55.9	1.3		0.00	
09/10	68.6	53.4	4.0		0.00	
09/11	78.0	54.6	2.5		0.00	
09/12	66.4	51.4	8.0	4.8	0.00	
09/13	68.2	57.2	9.8	3.8	0.00	
09/14	78.6	49.6	9.5	8.3	0.00	
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	61.9	57.5	5.8	1.5	0.00	

Hamden CT Downy Mildew - Grape From 2010-09-08 To 2010-09-22

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
09/08	87.8	0.0	0.01	5.0	0.0	0.0	0	Primary Infection
09/09	69.8	>min		1.3	0.0	0.0	0	
09/10	68.6	>min		4.0	0.0	0.0	0	
09/11	78.0	>min		2.5	0.0	0.0	0	
09/12	66.4	>min		8.0	3.3	0.0	1	Possible Infection
09/13	68.2	>min	0.06	9.8	1.8	0.0	1	Possible Infection
09/14	78.6	>min		9.5	8.3	0.0	1	Possible Infection
09/15	70.8	>min		7.0	0.3	0.0	0	
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	61.9	>min		5.8	0.0	0.0	0	

Hamden CT Powdery Mildew - Grape From 2010-09-08 To 2010-09-22

Date	Temperature High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
09/08	87.8	74.6	12.3	0.0	4.5		
09/09	69.8	63.2	0.0	0.0	1.0		
09/10	68.6	62.0	0.0	0.0	4.0		
09/11	78.0	64.8	7.3	0.0	2.5		
09/12	66.4	59.0	0.0	0.0	7.8		
09/13	68.2	61.3	0.0	0.0	9.5		
09/14	78.6	64.3	9.0	0.0	9.5	Heavy	
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	61.9	59.8	0.0	0.0	5.8		

Hamden CT Phomopsis Cane+Leaf Spot - Grape From 2010-09-08 To 2010-09-22

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
09/08	74.6	5.8	0.01	0.5	71.7	1 Light	3 Light
09/09	63.2	1.3	0.00	0.0	0.0	0	0
09/10	62.0	4.5	0.00	0.0	0.0	0	0
09/11	64.8	3.3	0.00	0.0	0.0	0	0
09/12	59.0	8.0	0.00	0.0	0.0	0	0
09/13	61.3	10.5	0.06	2.3	61.8	5 Light	15 Light
09/14	64.3	9.8	0.00	0.0	0.0	0	0
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	59.8	6.3	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