

Hamden CT Black Rot - Grape From 2010-09-01 To 2010-09-15

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
09/01	94.1	66.5	8.8	1.22	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	87.8	61.5	5.0	1.09	Infection Risk
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	61.2	43.9	1.5	0.13	

Hamden CT Botrytis - Grape From 2010-09-01 To 2010-09-15

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
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	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	61.2	43.9	6.8	2.3	0.00	

Hamden CT Downy Mildew - Grape From 2010-09-01 To 2010-09-15

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
09/01	94.1	0.0		8.8	5.3	5.3	1	Primary 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	87.8	>min	0.01	5.0	0.0	0.0	0	
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	61.2	>min		6.8	0.3	0.0	0	

Hamden CT Powdery Mildew - Grape From 2010-09-01 To 2010-09-15

Date	Temperature High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
09/01	94.1	79.4	5.5	0.0	8.8		
09/02	92.4	79.1	12.0	0.0	7.5		
09/03	84.3	75.6	19.0	0.0	12.0		
09/04	79.7	72.9	19.0	0.0	0.5		60 Heavy
09/05	73.5	62.7	6.5	0.0	4.3		80 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	87.8	74.6	12.3	0.0	4.5		100 Heavy
09/09	69.8	63.2	0.0	0.0	1.0		90 Heavy
09/10	68.6	62.0	0.0	0.0	4.0		80 Heavy
09/11	78.0	64.8	7.3	0.0	2.5		100 Heavy
09/12	66.4	59.0	0.0	0.0	7.8		90 Heavy
09/13	68.2	61.3	0.0	0.0	9.5		80 Heavy
09/14	78.6	64.3	9.0	0.0	9.5	Heavy	100 Heavy
09/15	61.2	49.6	0.0	0.0	6.8		90 Heavy

Hamden CT Phomopsis Cane+Leaf Spot - Grape From 2010-09-01 To 2010-09-15

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
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	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	49.6	6.8	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