

Hamden CT Black Rot - Grape From 2010-07-01 To 2010-07-15

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
07/01	78.0	55.2	1.3	0.10	
07/02	83.0	61.3		0.00	
07/03	90.4	57.4	6.8	0.62	
07/04	97.1	64.6	6.5	1.14	Infection Risk
07/05	98.8	66.7	4.5	0.76	
07/06	102.3	76.0	3.0	0.45	
07/07	99.3	80.4		0.00	
07/08	91.8	77.8	9.3	0.90	
07/09	90.1	77.8	10.0	1.28	Infection Risk
07/10	89.5	73.7	9.3	1.41	Infection Risk
07/11	93.4	72.7	7.5	1.40	Infection Risk
07/12	94.3	72.4	7.0	1.29	Infection Risk
07/13	86.9	74.7	14.5	1.33	Infection Risk
07/14	81.3	74.3	12.8	3.21	Infection Risk
07/15	76.2	73.5		0.00	

Hamden CT Botrytis - Grape From 2010-07-01 To 2010-07-15

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
07/01	78.0	55.2	1.3		0.00	
07/02	83.0	61.3			0.00	
07/03	90.4	57.4	6.8	0.8	0.00	
07/04	97.1	64.6	6.5	2.8	0.00	
07/05	98.8	66.7	4.5	0.3	0.00	
07/06	102.3	76.0	3.0		0.00	
07/07	99.3	80.4			0.00	
07/08	91.8	77.8	9.3	5.3	0.00	
07/09	90.1	77.8	10.0	5.3	0.00	
07/10	89.5	73.7	9.3	6.3	0.00	
07/11	93.4	72.7	7.5	6.5	0.00	
07/12	94.3	72.4	7.0	6.0	0.00	
07/13	86.9	74.7	14.5	10.8	0.52	Moderate Infection Risk
07/14	81.3	74.3	12.8	11.5	0.13	Low Infection Risk
07/15	76.2	73.5			0.00	

Hamden CT Downy Mildew - Grape From 2010-07-01 To 2010-07-15

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
07/01	78.0	0.0		1.3	0.0	0.0	0	Primary Infection
07/02	83.0	>min			0.0	0.0	0	
07/03	90.4	>min		6.8	0.0	0.0	0	
07/04	97.1	>min		6.5	1.8	0.3	1	Possible Infection
07/05	98.8	>min		4.5	0.0	0.0	0	
07/06	102.3	>min		3.0	0.0	0.0	0	
07/07	99.3	>min			0.0	0.0	0	
07/08	91.8	>min		9.3	2.3	0.0	1	Possible Infection
07/09	90.1	>min		10.0	4.0	0.0	1	Possible Infection
07/10	89.5	>min		9.3	5.8	1.0	3	High Risk of Infection
07/11	93.4	>min		7.5	6.5	6.5	3	High Risk of Infection
07/12	94.3	>min		7.0	5.3	5.0	3	High Risk of Infection
07/13	86.9	>min	0.68	14.5	10.0	7.8	3	High Risk of Infection
07/14	81.3	>min	0.12	12.8	10.3	4.5	3	High Risk of Infection
07/15	76.2	>min			0.0	0.0	0	

Hamden CT SpecWare 9 Pro - Hamden2010 Powdery Mildew - Grape From 2010-07-01 To 2010-07-15

Date	Temperature High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
07/01	78.0	68.7	10.3	0.0	1.3		
07/02	83.0	71.1	12.0	0.0	0.0		
07/03	90.4	75.2	6.5	0.0	6.8		60 Heavy
07/04	97.1	82.0	4.3	3.3	6.5		50 Medium
07/05	98.8	85.0	6.5	6.0	4.3		60 Heavy
07/06	102.3	89.8	9.0	9.5	2.5		70 Heavy
07/07	99.3	87.9	4.0	3.5	0.0		60 Heavy
07/08	91.8	84.0	14.0	0.0	9.0		80 Heavy
07/09	90.1	83.2	11.8	0.0	10.0		100 Heavy
07/10	89.5	79.9	24.0	0.0	9.0		100 Heavy
07/11	93.4	81.2	11.8	0.0	7.5		100 Heavy
07/12	94.3	82.7	12.5	0.0	7.0		100 Heavy
07/13	86.9	79.5	24.0	0.0	14.5		100 Heavy
07/14	81.3	78.1	24.0	0.0	12.0	Heavy	100 Heavy
07/15	76.2	74.3	9.3	0.0	0.0		100 Heavy

Hamden CT Phomopsis Cane+Leaf Spot - Grape From 2010-07-01 To 2010-07-15

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
07/01	68.7	1.3	0.00	0.0	0.0	0	0
07/02	71.1	0.3	0.00	0.0	0.0	0	0
07/03	75.2	7.3	0.00	0.0	0.0	0	0
07/04	82.0	6.5	0.00	0.0	0.0	0	0
07/05	85.0	5.0	0.00	0.0	0.0	0	0
07/06	89.8	5.3	0.00	0.0	0.0	0	0
07/07	87.9	0.5	0.00	0.0	0.0	0	0
07/08	84.0	10.0	0.00	0.0	0.0	0	0
07/09	83.2	10.3	0.00	0.0	0.0	0	0
07/10	79.9	10.3	0.00	0.0	0.0	0	0
07/11	81.2	8.0	0.00	0.0	0.0	0	0
07/12	82.7	7.0	0.00	0.0	0.0	0	0
07/13	79.5	14.5	0.68	8.3	76.2	22 Light	51 Moderate
07/14	78.1	15.3	0.12	18.8	76.8	68 Moderate	118 High
07/15	74.3	3.3	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