

Hamden CT Black Rot - Grape From 2010-07-07 To 2010-07-21

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
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	85.8	70.3	3.8	0.64	
07/16	91.6	69.1	9.3	1.93	Infection Risk
07/17	94.1	72.7	6.5	1.25	Infection Risk
07/18	90.7	84.3	1.8	0.16	
07/19	84.8	68.2	10.3	1.41	Infection Risk
07/20	87.0	67.0	9.8	2.53	Infection Risk
07/21	89.6	67.0	13.5	1.75	Infection Risk

Hamden CT Botrytis - Grape From 2010-07-07 To 2010-07-21

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
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	85.8	70.3	3.8	2.8	0.00	
07/16	91.6	69.1	9.3	8.3	0.00	
07/17	94.1	72.7	6.5	3.3	0.00	
07/18	90.7	84.3	1.8		0.00	
07/19	84.8	68.2	10.3	1.5	0.00	
07/20	87.0	67.0	9.8	5.5	0.00	
07/21	89.6	67.0	13.5	12.8	0.73	Moderate Infection Risk

Hamden CT Downy Mildew - Grape From 2010-07-07 To 2010-07-21

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
07/07	99.3				0.0	0.0	0	
07/08	91.8	0.0		9.3	2.3	0.0	1	Primary 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	85.8	>min		3.8	2.3	2.3	3	High Risk of Infection
07/16	91.6	>min		9.3	8.0	8.0	3	High Risk of Infection
07/17	94.1	>min		6.5	2.3	2.3	3	High Risk of Infection
07/18	90.7	>min			0.0	0.0	0	
07/19	84.8	>min	0.94	10.3	0.8	0.8	3	High Risk of Infection
07/20	87.0	>min		9.8	4.8	4.8	3	High Risk of Infection
07/21	89.6	>min	0.28	13.5	9.0	9.0	3	High Risk of Infection

Hamden CT Powdery Mildew - Grape From 2010-07-07 To 2010-07-21

Date	Temperature High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
07/07	99.3	87.9	4.0	3.5	0.0		
07/08	91.8	84.0	14.0	0.0	9.0		
07/09	90.1	83.2	11.8	0.0	10.0		
07/10	89.5	79.9	24.0	0.0	9.0		60 Heavy
07/11	93.4	81.2	11.8	0.0	7.5		80 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	85.8	77.2	23.8	0.0	3.8		100 Heavy
07/16	91.6	80.4	7.0	0.0	9.3		100 Heavy
07/17	94.1	85.7	14.5	0.0	6.3		100 Heavy
07/18	90.7	86.7	9.5	0.0	1.8		100 Heavy
07/19	84.8	78.8	21.8	0.0	9.5		100 Heavy
07/20	87.0	76.7	4.8	0.0	9.5		90 Heavy
07/21	89.6	75.1	4.8	0.0	13.5		80 Heavy

Hamden CT Phomopsis Cane+Leaf Spot - Grape From 2010-07-07 To 2010-07-21

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
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	77.2	7.0	0.00	0.0	0.0	0	0
07/16	80.4	9.5	0.00	0.0	0.0	0	0
07/17	85.7	6.5	0.00	0.0	0.0	0	0
07/18	86.7	2.8	0.00	0.0	0.0	0	0
07/19	78.8	12.0	0.94	2.5	69.2	6 Light	18 Light
07/20	76.7	10.3	0.00	0.0	0.0	0	0
07/21	75.1	13.5	0.28	6.8	71.3	22 Light	48 Moderate

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