

Hamden CT Black Rot - Grape From 2010-07-14 To 2010-07-29

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
07/14	81.3	74.3	12.8	1.87	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
07/22	86.1	63.4	7.0	2.25	Infection Risk
07/23	75.2	64.7	14.8	2.47	Infection Risk
07/24	93.6	72.6	9.8	3.72	Infection Risk
07/25	89.5	68.7	11.5	2.16	Infection Risk
07/26	85.1	60.7	1.0	2.29	Infection Risk
07/27	89.4	63.5	1.8	0.28	
07/28	87.9	61.1	6.8	1.17	Infection Risk
07/29	76.1	73.2	6.8	1.11	Infection Risk

Hamden CT Botrytis - Grape From 2010-07-14 To 2010-07-29

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
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
07/22	86.1	63.4	7.0	6.8	0.00	
07/23	75.2	64.7	14.8	7.5	0.96	Moderate Infection Risk
07/24	93.6	72.6	9.8	8.0	0.00	
07/25	89.5	68.7	11.5	9.5	0.08	Low Infection Risk
07/26	85.1	60.7	1.0		0.00	
07/27	89.4	63.5	1.8		0.00	
07/28	87.9	61.1	6.8	3.5	0.00	
07/29	76.1	73.2	6.8	0.5	0.00	

Hamden CT Downy Mildew - Grape From 2010-07-14 To 2010-07-29

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
07/14	81.3	0.0	0.12	12.8	10.3	4.5	1	Primary 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
07/22	86.1	>min	0.01	7.0	6.0	4.0	3	High Risk of Infection
07/23	75.2	>min	0.21	14.8	7.0	7.0	3	High Risk of Infection
07/24	93.6	>min	0.05	9.8	8.0	7.8	3	High Risk of Infection
07/25	89.5	>min	0.75	11.5	6.8	6.0	3	High Risk of Infection
07/26	85.1	>min		1.0	0.0	0.0	0	
07/27	89.4	>min		1.8	0.0	0.0	0	
07/28	87.9	>min		6.8	1.5	0.0	1	Possible Infection
07/29	76.1	>min		6.8	0.0	0.0	0	

Hamden CT Powdery Mildew - Grape From 2010-07-14 To 2010-07-29

Date	Temperature High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
07/14	81.3	78.1	24.0	0.0	12.0		
07/15	85.8	77.2	23.8	0.0	3.8		
07/16	91.6	80.4	7.0	0.0	9.3		60 Heavy
07/17	94.1	85.7	14.5	0.0	6.3		80 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
07/22	86.1	75.3	14.8	0.0	7.0	Heavy	100 Heavy
07/23	75.2	71.2	17.5	0.0	14.3	Heavy	100 Heavy
07/24	93.6	81.8	9.5	0.0	9.5	Heavy	100 Heavy
07/25	89.5	77.6	24.0	0.0	11.0		100 Heavy
07/26	85.1	74.7	16.8	0.0	1.0	Heavy	100 Heavy
07/27	89.4	76.3	7.5	0.0	1.8		100 Heavy
07/28	87.9	76.1	11.3	0.0	6.8		100 Heavy
07/29	76.1	74.2	7.3	0.0	6.8		100 Heavy

Hamden CT Phomopsis Cane+Leaf Spot - Grape From 2010-07-14 To 2010-07-29

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
07/14	78.1	15.3	0.12	7.0	77.5	16 Light	41 Moderate
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
07/22	75.3	7.0	0.01	13.5	68.7	67 Moderate	102 High
07/23	71.2	16.0	0.21	12.0	72.7	48 Moderate	85 Moderate
07/24	81.8	10.8	0.05	19.5	73.0	94 High	140 High
07/25	77.6	12.0	0.75	9.5	75.3	29 Light	62 Moderate
07/26	74.7	1.0	0.00	0.0	0.0	0	0
07/27	76.3	2.3	0.00	0.0	0.0	0	0
07/28	76.1	8.0	0.00	0.0	0.0	0	0
07/29	74.2	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