

Hamden CT Black Rot - Grape From 2010-08-15 To 2010-09-01

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
08/15	79.5	57.9	9.5	0.69	
08/16	82.8	67.0	14.3	2.18	Infection Risk
08/17	88.8	68.2	7.3	1.87	Infection Risk
08/18	85.4	62.7	1.5	0.21	
08/19	89.0	58.5	7.5	1.10	Infection Risk
08/20	84.5	61.6	7.3	1.05	Infection Risk
08/21	79.2	58.1		0.00	
08/22	75.3	66.7	19.5	3.36	Infection Risk
08/23	68.7	63.6	10.3	5.04	Infection Risk
08/24	69.5	62.5	4.8	0.70	
08/25	77.6	61.9	10.0	1.72	Infection Risk
08/26	81.5	63.5	7.8	1.57	Infection Risk
08/27	77.6	56.3	3.3	0.27	
08/28	82.7	53.2	5.8	0.60	
08/29	91.3	56.1	11.5	1.33	Infection Risk
08/30	91.6	63.1	2.5	1.02	Infection Risk
08/31	94.1	64.3	7.5	0.67	
09/01	92.3	66.5	7.3	1.89	Infection Risk

Hamden CT Botrytis - Grape From 2010-08-15 To 2010-09-01

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
08/15	79.5	57.9	9.5	2.8	0.00	
08/16	82.8	67.0	14.3	11.8	1.03	High Infection Risk
08/17	88.8	68.2	7.3	7.8	0.00	
08/18	85.4	62.7	1.5		0.00	
08/19	89.0	58.5	7.5	5.8	0.00	
08/20	84.5	61.6	7.3	3.5	0.00	
08/21	79.2	58.1			0.00	
08/22	75.3	66.7	19.5	17.0	2.36	High Infection Risk
08/23	68.7	63.6	10.3	10.5	0.05	Low Infection Risk
08/24	69.5	62.5	4.8	0.8	0.00	
08/25	77.6	61.9	10.0	9.5	0.00	
08/26	81.5	63.5	7.8	8.0	0.00	
08/27	77.6	56.3	3.3		0.00	
08/28	82.7	53.2	5.8	1.8	0.00	
08/29	91.3	56.1	11.5	7.0	0.00	
08/30	91.6	63.1	2.5		0.00	
08/31	94.1	64.3	7.5		0.00	
09/01	92.3	66.5	7.3	6.0	0.00	

Hamden CT Downy Mildew - Grape From 2010-08-15 To 2010-09-01

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
08/15	79.5	0.0	0.06	9.5	0.0	0.0	0	Primary Infection
08/16	82.8	>min	0.57	14.3	10.5	10.5	3	High Risk of Infection
08/17	88.8	>min		7.3	7.3	7.3	3	High Risk of Infection
08/18	85.4	>min		1.5	0.0	0.0	0	
08/19	89.0	>min		7.5	4.0	0.0	1	Possible Infection
08/20	84.5	>min		7.3	1.8	0.0	1	Possible Infection
08/21	79.2	>min			0.0	0.0	0	
08/22	75.3	>min	1.73	19.5	14.3	14.3	3	High Risk of Infection
08/23	68.7	>min	0.61	10.3	10.3	8.3	3	High Risk of Infection
08/24	69.5	>min		4.8	0.3	0.0	0	
08/25	77.6	>min	0.02	10.0	7.8	0.3	1	Possible Infection
08/26	81.5	>min	0.13	7.8	7.8	7.0	3	High Risk of Infection
08/27	77.6	>min		3.3	0.0	0.0	0	
08/28	82.7	>min		5.8	0.3	0.0	0	
08/29	91.3	>min		11.5	6.5	0.0	1	Possible Infection
08/30	91.6	>min		2.5	0.0	0.0	0	
08/31	94.1	>min		7.5	0.0	0.0	0	
09/01	92.3	>min		7.3	5.3	5.3	3	High Risk of Infection

Hamden CT Powdery Mildew - Grape From 2010-08-15 To 2010-09-01

Date	Temperature High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
08/15	79.5	69.3	13.8	0.0	9.5		
08/16	82.8	73.7	15.0	0.0	14.0	Heavy	
08/17	88.8	78.7	12.0	0.0	7.3		60 Heavy
08/18	85.4	72.1	11.8	0.0	1.5		80 Heavy
08/19	89.0	73.9	4.0	0.0	7.5		70 Heavy
08/20	84.5	72.7	12.8	0.0	7.3		90 Heavy
08/21	79.2	68.6	10.5	0.0	0.0		100 Heavy
08/22	75.3	70.4	10.0	0.0	19.3	Heavy	100 Heavy
08/23	68.7	66.0	0.0	0.0	10.3	Heavy	90 Heavy
08/24	69.5	65.4	0.0	0.0	4.5		80 Heavy
08/25	77.6	68.0	8.5	0.0	10.0		100 Heavy
08/26	81.5	71.6	12.5	0.0	7.8		100 Heavy
08/27	77.6	66.7	9.3	0.0	3.3		100 Heavy
08/28	82.7	67.2	9.5	0.0	5.8		100 Heavy
08/29	91.3	73.3	4.0	0.0	11.5		90 Heavy
08/30	91.6	77.7	5.8	0.0	2.5		80 Heavy
08/31	94.1	78.9	6.0	0.0	7.5		100 Heavy
09/01	92.3	76.1	6.0	0.0	7.3		100 Heavy

Hamden CT Phomopsis Cane+Leaf Spot - Grape From 2010-08-15 To 2010-09-01

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
08/15	69.3	10.5	0.06	2.0	68.6	4 Light	14 Light
08/16	73.7	14.5	0.57	12.0	68.5	57 Moderate	90 High
08/17	78.7	7.5	0.00	0.0	0.0	0	0
08/18	72.1	2.0	0.00	0.0	0.0	0	0
08/19	73.9	7.5	0.00	0.0	0.0	0	0
08/20	72.7	7.3	0.00	0.0	0.0	0	0
08/21	68.6	0.0	0.00	0.0	0.0	0	0
08/22	70.4	19.8	1.73	25.0	70.6	150 High	190 High
08/23	66.0	11.5	0.61	24.8	68.9	157 High	191 High
08/24	65.4	6.3	0.00	0.0	0.0	0	0
08/25	68.0	10.5	0.02	7.5	62.2	31 Moderate	53 Moderate
08/26	71.6	8.0	0.13	4.3	66.6	13 Light	31 Moderate
08/27	66.7	3.8	0.00	0.0	0.0	0	0
08/28	67.2	5.8	0.00	0.0	0.0	0	0
08/29	73.3	11.8	0.00	0.0	0.0	0	0
08/30	77.7	2.5	0.00	0.0	0.0	0	0
08/31	78.9	8.0	0.00	0.0	0.0	0	0
09/01	76.1	7.5	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