

Hamden CT Black Rot - Grape From 2010-08-05 To 2010-08-19

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
08/05	91.2	70.8	13.3	2.20	Infection Risk
08/06	86.9	62.2	6.5	3.31	Infection Risk
08/07	82.4	56.6	4.5	0.44	
08/08	87.0	61.9	7.8	1.42	Infection Risk
08/09	92.1	71.1	7.5	1.36	Infection Risk
08/10	89.7	70.4	8.8	0.95	
08/11	91.5	68.6	7.3	1.81	Infection Risk
08/12	76.4	64.4	11.3	1.18	Infection Risk
08/13	80.8	59.1	5.0	1.00	
08/14	79.5	54.7	10.8	0.96	
08/15	79.5	57.9	9.5	1.06	Infection Risk
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	74.3	58.5	7.5	1.10	Infection Risk

Hamden CT Botrytis - Grape From 2010-08-05 To 2010-08-19

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
08/05	91.2	70.8	13.3	11.0	0.53	Moderate Infection Risk
08/06	86.9	62.2	6.5	5.3	0.00	
08/07	82.4	56.6	4.5		0.00	
08/08	87.0	61.9	7.8	7.8	0.00	
08/09	92.1	71.1	7.5	6.0	0.00	
08/10	89.7	70.4	8.8	3.0	0.00	
08/11	91.5	68.6	7.3	4.8	0.00	
08/12	76.4	64.4	11.3	4.8	0.17	Low Infection Risk
08/13	80.8	59.1	5.0		0.00	
08/14	79.5	54.7	10.8	6.5	0.00	
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	74.3	58.5	7.5	5.8	0.00	

Hamden CT Downy Mildew - Grape From 2010-08-05 To 2010-08-19

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
08/05	91.2	0.0	0.37	13.3	9.5	9.5	1	Primary Infection
08/06	86.9	>min		6.5	4.5	4.5	3	High Risk of Infection
08/07	82.4	>min		4.5	0.0	0.0	0	
08/08	87.0	>min		7.8	7.5	1.0	3	High Risk of Infection
08/09	92.1	>min		7.5	5.5	5.5	3	High Risk of Infection
08/10	89.7	>min	0.08	8.8	1.3	1.3	3	High Risk of Infection
08/11	91.5	>min		7.3	4.0	4.0	3	High Risk of Infection
08/12	76.4	>min		11.3	2.3	2.3	3	High Risk of Infection
08/13	80.8	>min		5.0	0.0	0.0	0	
08/14	79.5	>min		10.8	5.8	0.0	1	Possible Infection
08/15	79.5	>min	0.06	9.5	0.0	0.0	0	
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	74.3	>min		7.5	4.0	0.0	1	Possible Infection

Hamden CT Powdery Mildew - Grape From 2010-08-05 To 2010-08-19

Date	Temperature High	Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
08/05	91.2	78.5	10.5	0.0	13.0		
08/06	86.9	75.4	21.5	0.0	6.5	Heavy	
08/07	82.4	69.9	11.5	0.0	4.5		60 Heavy
08/08	87.0	74.8	13.3	0.0	7.5		80 Heavy
08/09	92.1	80.1	17.0	0.0	7.5		100 Heavy
08/10	89.7	78.0	12.3	0.0	8.3		100 Heavy
08/11	91.5	77.5	13.8	0.0	7.0		100 Heavy
08/12	76.4	70.3	12.0	0.0	11.0		100 Heavy
08/13	80.8	69.6	10.0	0.0	4.3		100 Heavy
08/14	79.5	67.2	10.8	0.0	10.5		100 Heavy
08/15	79.5	69.3	13.8	0.0	9.5		100 Heavy
08/16	82.8	73.7	15.0	0.0	14.0	Heavy	100 Heavy
08/17	88.8	78.7	12.0	0.0	7.3		100 Heavy
08/18	85.4	72.1	11.8	0.0	1.5		100 Heavy
08/19	74.3	63.2	1.0	0.0	7.5		90 Heavy

Hamden CT Phomopsis Cane+Leaf Spot - Grape From 2010-08-05 To 2010-08-19

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
08/05	78.5	13.5	0.37	2.5	75.9	4 Light	15 Light
08/06	75.4	7.0	0.00	0.0	0.0	0	0
08/07	69.9	5.0	0.00	0.0	0.0	0	0
08/08	74.8	8.0	0.00	0.0	0.0	0	0
08/09	80.1	7.5	0.00	0.0	0.0	0	0
08/10	78.0	9.5	0.08	2.5	72.8	5 Light	17 Light
08/11	77.5	7.3	0.00	0.0	0.0	0	0
08/12	70.3	12.0	0.00	0.0	0.0	0	0
08/13	69.6	6.5	0.00	0.0	0.0	0	0
08/14	67.2	11.0	0.00	0.0	0.0	0	0
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	63.2	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