

Hamden CT Black Rot - Grape From 2010-05-25 To 2010-06-10

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
05/25	85.6	61.2	6.8	0.87	
05/26	96.0	61.7	5.8	0.80	
05/27	82.1	63.1	6.0	1.04	Infection Risk
05/28	78.9	57.0	5.5	0.49	
05/29	78.1	56.7	10.3	0.68	
05/30	85.4	63.6	5.5	1.39	Infection Risk
05/31	81.4	62.6	5.5	0.80	
06/01	87.2	68.3	6.5	0.80	
06/02	86.4	63.2	9.3	1.84	Infection Risk
06/03	87.3	68.3	9.8	1.88	Infection Risk
06/04	88.8	66.6	7.3	1.35	Infection Risk
06/05	89.9	70.7	11.3	1.45	Infection Risk
06/06	86.8	61.6	7.8	1.90	Infection Risk
06/07	76.4	55.7	0.5	0.04	
06/08	72.8	54.6	0.8	0.06	
06/09	69.6	52.9	12.0	1.19	Infection Risk
06/10	65.8	61.3	8.0	2.19	Infection Risk

Hamden CT Downy Mildew - Grape From 2010-05-25 To 2010-06-10

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours >95%RH	43-86	66-77	Risk	Warning
05/25	85.6	0.0		6.8	7.0	0.3	1	1	Primary Infection
05/26	96.0	>min		5.8	2.3	0.0	1	1	Possible Infection
05/27	82.1	>min	0.10	6.0	1.0	1.0	3	3	High Risk of Infection
05/28	78.9	>min		5.5	1.3	0.0	1	1	Possible Infection
05/29	78.1	>min		10.3	5.3	0.0	1	1	Possible Infection
05/30	85.4	>min		5.5	3.5	0.5	3	3	High Risk of Infection
05/31	81.4	>min		5.5	0.0	0.0	0	0	
06/01	87.2	>min	0.10	6.5	4.8	4.8	3	3	High Risk of Infection
06/02	86.4	>min		9.3	7.5	5.0	3	3	High Risk of Infection
06/03	87.3	>min		9.8	10.0	10.0	3	3	High Risk of Infection
06/04	88.8	>min		7.3	1.8	1.8	3	3	High Risk of Infection
06/05	89.9	>min	0.58	11.3	7.5	7.5	3	3	High Risk of Infection
06/06	86.8	>min	0.17	7.8	7.8	7.8	3	3	High Risk of Infection
06/07	76.4	>min		0.5	0.0	0.0	0	0	
06/08	72.8	>min		0.8	0.0	0.0	0	0	
06/09	69.6	>min	0.38	12.0	4.5	0.0	1	1	Possible Infection
06/10	65.8	>min	0.03	8.0	9.8	0.0	1	1	Possible Infection

Hamden CT Powdery Mildew - Grape From 2010-05-25 To 2010-06-10

Date	Temperature High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
05/25	85.6	73.6	14.5	0.0	6.5		
05/26	96.0	81.7	2.8	3.8	5.0		
05/27	82.1	71.2	17.5	0.0	6.0		
05/28	78.9	67.5	9.8	0.0	5.3		
05/29	78.1	68.1	11.0	0.0	10.3		60 Heavy
05/30	85.4	74.8	11.3	0.0	5.3		80 Heavy
05/31	81.4	71.3	13.5	0.0	5.5		100 Heavy
06/01	87.2	75.2	16.8	0.0	6.3		100 Heavy
06/02	86.4	75.3	13.8	0.0	9.0		100 Heavy
06/03	87.3	75.8	21.5	0.0	9.8		100 Heavy
06/04	88.8	78.1	14.8	0.0	7.3		100 Heavy
06/05	89.9	79.7	10.5	0.0	11.3		100 Heavy
06/06	86.8	75.7	24.0	0.0	7.8		100 Heavy
06/07	76.4	66.3	9.3	0.0	0.5		100 Heavy
06/08	72.8	64.2	3.0	0.0	0.8		90 Heavy
06/09	69.6	61.7	0.0	0.0	11.8		80 Heavy
06/10	65.8	62.5	0.0	0.0	8.0	Heavy	70 Heavy

Hamden CT Phomopsis Cane+Leaf Spot - Grape From 2010-05-25 To 2010-06-10

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Disease Catawba	Intensity Seyval
05/25	73.6	7.0	0.00	0.0	0.0	0	0
05/26	81.7	6.0	0.00	0.0	0.0	0	0
05/27	71.2	6.0	0.10	6.0	70.7	19 Light	43 Moderate
05/28	67.5	5.5	0.00	0.0	0.0	0	0
05/29	68.1	10.3	0.00	0.0	0.0	0	0
05/30	74.8	6.3	0.00	0.0	0.0	0	0
05/31	71.3	5.8	0.00	0.0	0.0	0	0
06/01	75.2	7.5	0.10	1.0	75.6	1 Light	6 Light
06/02	75.3	9.3	0.00	0.0	0.0	0	0
06/03	75.8	11.5	0.00	0.0	0.0	0	0
06/04	78.1	7.3	0.00	0.0	0.0	0	0
06/05	79.7	11.3	0.58	3.3	73.7	7 Light	21 Light
06/06	75.7	8.0	0.17	10.8	73.3	39 Moderate	75 Moderate
06/07	66.3	0.8	0.00	0.0	0.0	0	0
06/08	64.2	1.0	0.00	0.0	0.0	0	0
06/09	61.7	12.3	0.38	8.3	61.1	34 Moderate	56 Moderate
06/10	62.5	8.0	0.03	16.3	61.6	91 High	116 High

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