

Hamden CT Black Rot - Grape From 2010-07-28 To 2010-08-11

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
07/28	87.9	61.1	6.8	0.89	
07/29	88.4	69.8	8.3	1.34	Infection Risk
07/30	81.6	61.4	2.3	0.33	
07/31	81.0	57.0	2.0	0.21	
08/01	81.1	55.9	6.8	0.79	
08/02	82.9	62.9	4.0	0.57	
08/03	85.1	64.5	4.0	0.63	
08/04	88.3	70.5	6.8	0.59	
08/05	91.2	70.8	13.3	2.79	Infection Risk
08/06	86.9	62.2	6.5	3.90	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	72.5	68.6	7.3	1.81	Infection Risk

Hamden CT Botrytis - Grape From 2010-07-28 To 2010-08-11

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
07/28	87.9	61.1	6.8	3.5	0.00	
07/29	88.4	69.8	8.3	0.5	0.00	
07/30	81.6	61.4	2.3		0.00	
07/31	81.0	57.0	2.0		0.00	
08/01	81.1	55.9	6.8	3.3	0.00	
08/02	82.9	62.9	4.0	0.3	0.00	
08/03	85.1	64.5	4.0		0.00	
08/04	88.3	70.5	6.8	1.3	0.00	
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	72.5	68.6	7.3	4.8	0.00	

Hamden CT Downy Mildew - Grape From 2010-07-28 To 2010-08-11

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
07/28	87.9	0.0		6.8	1.5	0.0	1	Primary Infection
07/29	88.4	>min	0.01	8.3	0.0	0.0	0	
07/30	81.6	>min		2.3	0.0	0.0	0	
07/31	81.0	>min		2.0	0.0	0.0	0	
08/01	81.1	>min		6.8	2.8	0.0	1	Possible Infection
08/02	82.9	>min		4.0	0.0	0.0	0	
08/03	85.1	>min		4.0	0.0	0.0	0	
08/04	88.3	>min		6.8	0.0	0.0	0	
08/05	91.2	>min	0.37	13.3	9.5	9.5	3	High Risk of 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	72.5	>min		7.3	4.0	4.0	3	High Risk of Infection

Hamden CT Powdery Mildew - Grape From 2010-07-28 To 2010-08-11

Date	Temperature High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
07/28	87.9	76.1	11.3	0.0	6.8		
07/29	88.4	77.9	20.8	0.0	8.3		
07/30	81.6	70.9	12.0	0.0	2.3		60 Heavy
07/31	81.0	68.1	10.0	0.0	2.0		80 Heavy
08/01	81.1	68.3	11.5	0.0	6.8		100 Heavy
08/02	82.9	72.6	16.0	0.0	3.8		100 Heavy
08/03	85.1	75.0	17.5	0.0	4.0		100 Heavy
08/04	88.3	78.8	20.3	0.0	6.5		100 Heavy
08/05	91.2	78.5	10.5	0.0	13.0	Heavy	100 Heavy
08/06	86.9	75.4	21.5	0.0	6.5	Heavy	100 Heavy
08/07	82.4	69.9	11.5	0.0	4.5		100 Heavy
08/08	87.0	74.8	13.3	0.0	7.5		100 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	72.5	70.3	7.0	0.0	7.0		100 Heavy

Hamden CT Phomopsis Cane+Leaf Spot - Grape From 2010-07-28 To 2010-08-11

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
07/28	76.1	8.0	0.00	0.0	0.0	0	0
07/29	77.9	9.3	0.01	0.3	77.4	0 Light	1 Light
07/30	70.9	2.5	0.00	0.0	0.0	0	0
07/31	68.1	2.5	0.00	0.0	0.0	0	0
08/01	68.3	7.0	0.00	0.0	0.0	0	0
08/02	72.6	6.5	0.00	0.0	0.0	0	0
08/03	75.0	5.0	0.00	0.0	0.0	0	0
08/04	78.8	7.3	0.00	0.0	0.0	0	0
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	70.3	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