

Colchester CT Black Rot - Grape From 2010-05-20 To 2010-06-02

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
05/20	78.6	51.1	7.5	0.34	
05/21	82.8	53.5	3.8	0.39	
05/22	73.2	49.3	4.5	0.30	
05/23	73.3	58.2	12.0	1.07	Infection Risk
05/24	78.1	58.2	10.5	1.13	Infection Risk
05/25	84.0	55.3	6.0	1.03	Infection Risk
05/26	93.4	58.8	2.3	0.23	
05/27	75.6	52.8	4.8	0.63	
05/28	75.9	49.0	5.8	0.30	
05/29	74.6	53.7	6.5	0.30	
05/30	79.9	58.0	6.0	0.87	
05/31	75.8	58.5		0.00	
06/01	80.9	60.5	14.8	2.22	Infection Risk
06/02	77.5	62.1	6.0	3.05	Infection Risk

Colchester CT Downy Mildew - Grape From 2010-05-20 To 2010-06-02

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
05/20	78.6	0.0	0.01	7.5	8.0	0.0	1	Primary Infection
05/21	82.8	>min		3.8	0.0	0.0	0	
05/22	73.2	>min		4.5	0.0	0.0	0	
05/23	73.3	>min		12.0	11.3	0.0	1	Possible Infection
05/24	78.1	>min		10.5	6.8	0.0	1	Possible Infection
05/25	84.0	>min		6.0	6.5	0.0	1	Possible Infection
05/26	93.4	>min		2.3	0.0	0.0	0	
05/27	75.6	>min	0.30	4.8	3.3	0.0	1	Possible Infection
05/28	75.9	>min		5.8	2.8	0.0	1	Possible Infection
05/29	74.6	>min		6.5	0.8	0.0	1	Possible Infection
05/30	79.9	>min		6.0	5.5	0.0	1	Possible Infection
05/31	75.8	>min			0.0	0.0	0	
06/01	80.9	>min	0.14	14.8	14.0	8.3	3	High Risk of Infection
06/02	77.5	>min		6.0	6.8	0.0	1	Possible Infection

Colchester CT Powdery Mildew - Grape From 2010-05-20 To 2010-06-02

Date	Temperature		Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
	High	Mean					
05/20	78.6	63.8	8.0	0.0	7.3		
05/21	82.8	66.0	8.8	0.0	3.5		
05/22	73.2	61.0	5.8	0.0	4.5		
05/23	73.3	63.7	5.0	0.0	11.8		
05/24	78.1	66.5	9.8	0.0	10.3		
05/25	84.0	69.4	11.3	0.0	6.0		
05/26	93.4	77.5	4.8	0.0	1.8		
05/27	75.6	63.6	5.3	0.0	4.3		
05/28	75.9	62.2	5.8	0.0	5.8		
05/29	74.6	63.5	5.8	0.0	6.3		
05/30	79.9	69.8	12.5	0.0	6.0		
05/31	75.8	66.6	8.3	0.0	0.0		
06/01	80.9	68.5	5.8	0.0	14.8	Heavy	
06/02	77.5	67.4	3.5	0.0	6.0	Heavy	

Colchester CT Phomopsis Cane+Leaf Spot - Grape From 2010-05-20 To 2010-06-02

Date	Temp Mean	Wet Hours	Rain- Fall	Wet+ Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
05/20	63.8	7.5	0.01	2.3	51.7	3 Light	8 Light
05/21	66.0	4.3	0.00	0.0	0.0	0	0
05/22	61.0	5.5	0.00	0.0	0.0	0	0
05/23	63.7	12.3	0.00	0.0	0.0	0	0
05/24	66.5	11.0	0.00	0.0	0.0	0	0
05/25	69.4	6.0	0.00	0.0	0.0	0	0
05/26	77.5	2.8	0.00	0.0	0.0	0	0
05/27	63.6	5.3	0.30	4.8	63.4	16 Light	33 Moderate
05/28	62.2	5.8	0.00	0.0	0.0	0	0
05/29	63.5	8.3	0.00	0.0	0.0	0	0
05/30	69.8	6.3	0.00	0.0	0.0	0	0
05/31	66.6	0.0	0.00	0.0	0.0	0	0
06/01	68.5	15.8	0.14	9.0	68.3	38 Moderate	67 Moderate
06/02	67.4	6.3	0.00	15.3	66.3	83 Moderate	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