

Colchester CT Black Rot - Grape From 2010-06-16 To 2010-06-30

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
06/16	74.3	51.3	10.8	0.53	
06/17	72.7	58.3	6.3	1.49	Infection Risk
06/18	84.2	56.2	5.8	0.50	
06/19	76.6	55.4	4.0	0.58	
06/20	82.5	64.5	11.0	1.54	Infection Risk
06/21	84.9	63.4	3.3	1.34	Infection Risk
06/22	79.7	62.4	4.8	0.72	
06/23	85.3	65.8	7.0	1.86	Infection Risk
06/24	87.3	66.7	5.0	0.50	
06/25	81.6	62.7	2.3	0.81	
06/26	83.9	59.8	4.5	0.53	
06/27	84.3	63.1	3.0	0.47	
06/28	90.0	71.2	6.8	0.90	
06/29	85.4	64.2	6.0	1.77	Infection Risk
06/30	74.7	54.7		0.00	

Colchester CT Downy Mildew - Grape From 2010-06-16 To 2010-06-30

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
06/16	74.3	0.0	0.03	10.8	5.5	0.0	1	Primary Infection
06/17	72.7	>min		6.3	7.0	5.3	3	High Risk of Infection
06/18	84.2	>min		5.8	0.0	0.0	0	
06/19	76.6	>min		4.0	0.0	0.0	0	
06/20	82.5	>min	0.34	11.0	6.8	5.8	3	High Risk of Infection
06/21	84.9	>min		3.3	0.0	0.0	0	
06/22	79.7	>min	0.24	4.8	2.5	0.0	1	Possible Infection
06/23	85.3	>min	0.07	7.0	8.3	7.8	3	High Risk of Infection
06/24	87.3	>min	0.03	5.0	0.0	0.0	0	
06/25	81.6	>min		2.3	0.0	0.0	0	
06/26	83.9	>min		4.5	4.5	0.0	1	Possible Infection
06/27	84.3	>min		3.0	2.0	2.0	3	High Risk of Infection
06/28	90.0	>min	0.17	6.8	5.3	5.3	3	High Risk of Infection
06/29	85.4	>min		6.0	6.8	6.8	3	High Risk of Infection
06/30	74.7	>min			0.0	0.0	0	

Colchester CT Powdery Mildew - Grape From 2010-06-16 To 2010-06-30

Date	Temperature High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
06/16	74.3	62.9	1.3	0.0	10.8		
06/17	72.7	67.1	1.0	0.0	6.3		
06/18	84.2	70.4	13.0	0.0	5.3		
06/19	76.6	68.2	9.8	0.0	3.8		
06/20	82.5	72.2	15.0	0.0	11.0		60 Heavy
06/21	84.9	74.2	15.8	0.0	2.8		80 Heavy
06/22	79.7	69.5	10.0	0.0	4.8		100 Heavy
06/23	85.3	75.0	15.8	0.0	6.8		100 Heavy
06/24	87.3	76.6	19.5	0.0	5.0		100 Heavy
06/25	81.6	71.7	13.0	0.0	2.3		100 Heavy
06/26	83.9	71.5	12.5	0.0	4.5		100 Heavy
06/27	84.3	73.9	15.8	0.0	3.0		100 Heavy
06/28	90.0	78.0	18.5	0.0	5.8		100 Heavy
06/29	85.4	76.2	21.3	0.0	6.0		100 Heavy
06/30	74.7	64.9	6.8	0.0	0.0		100 Heavy

Colchester CT Phomopsis Cane+Leaf Spot - Grape From 2010-06-16 To 2010-06-30

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Disease Intensity Catawba	Disease Intensity Seyval
06/16	62.9	10.8	0.03	3.3	65.0	9 Light	23 Light
06/17	67.1	7.3	0.00	9.8	65.8	44 Moderate	73 Moderate
06/18	70.4	5.8	0.00	0.0	0.0	0	0
06/19	68.2	4.3	0.00	0.0	0.0	0	0
06/20	72.2	12.8	0.34	1.5	71.3	3 Light	10 Light
06/21	74.2	4.8	0.00	0.0	0.0	0	0
06/22	69.5	4.8	0.24	3.3	65.8	9 Light	23 Light
06/23	75.0	7.0	0.07	10.0	67.2	45 Moderate	75 Moderate
06/24	76.6	5.3	0.03	3.0	71.7	7 Light	21 Light
06/25	71.7	2.5	0.00	0.0	0.0	0	0
06/26	71.5	5.0	0.00	0.0	0.0	0	0
06/27	73.9	3.3	0.00	0.0	0.0	0	0
06/28	78.0	9.5	0.17	1.5	75.3	2 Light	9 Light
06/29	76.2	6.0	0.00	0.0	0.0	0	0
06/30	64.9	0.0	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