

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

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
05/25	84.0	55.3	6.0	0.54	
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	80.4	62.1	8.8	3.05	Infection Risk
06/03	79.3	62.5	12.3	1.41	Infection Risk
06/04	83.0	62.0	6.8	1.73	Infection Risk
06/05	84.4	64.8	6.0	0.89	
06/06	79.5	57.3	1.0	0.16	
06/07	71.3	51.6		0.00	
06/08	68.0	50.0		0.00	
06/09	65.4	44.5	8.8	0.59	
06/10	61.4	54.1	7.3	1.07	Infection Risk

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

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours >95%RH	Risk	Warning	
05/25	84.0	0.0		6.0	6.5	0.0	1	Primary 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	80.4	>min		8.8	8.3	0.0	1	Possible Infection
06/03	79.3	>min	0.07	12.3	13.5	4.5	3	High Risk of Infection
06/04	83.0	>min		6.8	7.3	0.8	3	High Risk of Infection
06/05	84.4	>min	0.06	6.0	6.3	4.5	3	High Risk of Infection
06/06	79.5	>min	0.03	1.0	0.0	0.0	0	
06/07	71.3	>min			0.0	0.0	0	
06/08	68.0	>min			0.0	0.0	0	
06/09	65.4	>min	0.16	12.5	2.8	0.0	1	Possible Infection
06/10	61.4	>min	0.03	7.3	11.0	0.0	1	Possible Infection

Colchester 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	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	80.4	70.3	11.5	0.0	8.8	Heavy	
06/03	79.3	69.3	11.0	0.0	12.0		
06/04	83.0	71.9	13.0	0.0	6.8		60 Heavy
06/05	84.4	74.7	16.3	0.0	5.5		80 Heavy
06/06	79.5	71.4	15.3	0.0	1.0		100 Heavy
06/07	71.3	61.7	2.3	0.0	0.0		90 Heavy
06/08	68.0	59.7	0.0	0.0	0.0		80 Heavy
06/09	65.4	55.5	0.0	0.0	12.5		70 Heavy
06/10	61.4	55.1	0.0	0.0	7.3	Heavy	60 Heavy

Colchester 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	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	70.3	9.0	0.00	15.3	66.3	83 Moderate	116 High
06/03	69.3	12.3	0.07	4.0	68.6	12 Light	29 Light
06/04	71.9	6.8	0.00	10.8	65.8	51 Moderate	80 Moderate
06/05	74.7	7.3	0.06	1.0	68.2	2 Light	7 Light
06/06	71.4	1.0	0.03	0.3	73.6	0 Light	1 Light
06/07	61.7	0.0	0.00	0.0	0.0	0	0
06/08	59.7	0.3	0.00	0.0	0.0	0	0
06/09	55.5	12.8	0.16	7.5	54.8	23 Light	38 Moderate
06/10	55.1	7.8	0.03	15.3	54.6	63 Moderate	79 Moderate

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