

Colchester CT Black Rot - Grape From 2010-06-01 To 2010-06-17

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
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	71.8	54.1	14.0	1.07	Infection Risk
06/11	67.2	54.4	8.5	1.16	Infection Risk
06/12	67.0	55.5	13.0	1.57	Infection Risk
06/13	67.6	60.4	9.8	2.72	Infection Risk
06/14	78.1	59.8	2.0	0.26	
06/15	78.3	55.4	6.8	0.91	
06/16	74.3	51.3	10.8	0.53	
06/17	72.7	65.4	6.0	1.49	Infection Risk

Colchester CT Downy Mildew - Grape From 2010-06-01 To 2010-06-17

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours >95%RH	43-86	66-77	Risk	Warning
06/01	80.9	0.0	0.14	14.8	14.0	8.3	1	Primary 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	71.8	>min	0.39	14.0	17.0	0.0	1	Possible Infection	
06/11	67.2	>min		8.5	9.0	0.0	1	Possible Infection	
06/12	67.0	>min	1.07	13.0	14.3	0.0	1	Possible Infection	
06/13	67.6	>min	0.17	9.8	12.5	0.0	1	Possible Infection	
06/14	78.1	>min		2.0	5.0	0.0	1	Possible Infection	
06/15	78.3	>min		6.8	0.0	0.0	0		
06/16	74.3	>min	0.03	10.8	5.5	0.0	1	Possible Infection	
06/17	72.7	>min		6.0	7.0	5.3	3	High Risk of Infection	

Colchester CT Powdery Mildew - Grape From 2010-06-01 To 2010-06-17

Date	Temperature High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
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	71.8	59.2	0.8	0.0	14.0	Heavy	60 Heavy
06/11	67.2	59.2	0.0	0.0	8.5		50 Medium
06/12	67.0	61.4	0.0	0.0	12.8	Heavy	40 Medium
06/13	67.6	63.1	0.0	0.0	9.5	Heavy	30 Light
06/14	78.1	66.5	7.3	0.0	1.5		50 Medium
06/15	78.3	66.5	9.3	0.0	6.8		70 Heavy
06/16	74.3	62.9	1.3	0.0	10.8		60 Heavy
06/17	72.7	67.2	1.0	0.0	6.0		50 Medium

Colchester CT Phomopsis Cane+Leaf Spot - Grape From 2010-06-01 To 2010-06-17

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
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	59.2	15.5	0.39	24.8	57.2	146 High	152 High
06/11	59.2	9.3	0.00	13.8	58.2	66 Moderate	86 Moderate
06/12	61.4	14.5	1.07	6.3	62.4	24 Light	44 Moderate
06/13	63.1	13.3	0.17	11.0	61.0	52 Moderate	76 Moderate
06/14	66.5	8.0	0.00	0.0	0.0	0	0
06/15	66.5	6.8	0.00	0.0	0.0	0	0
06/16	62.9	10.8	0.03	3.3	65.0	9 Light	23 Light
06/17	67.2	6.5	0.00	9.8	65.8	44 Moderate	73 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