

Colchester CT Black Rot - Grape From 2010-08-24 To 2010-09-08

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
08/24	65.8	61.1	8.8	1.14	Infection Risk
08/25	70.7	61.1	16.5	3.40	Infection Risk
08/26	79.7	61.0	8.5	4.63	Infection Risk
08/27	75.6	54.9	2.3	0.16	
08/28	79.7	52.5	1.3	0.13	
08/29	90.1	53.9	5.3	0.62	
08/30	88.0	61.3	0.3	0.07	
08/31	92.6	65.1	2.8	0.44	
09/01	92.2	66.3	0.3	0.04	
09/02	88.9	66.0	1.5	0.24	
09/03	81.7	67.0	9.8	1.64	Infection Risk
09/04	77.5	59.4	6.8	2.80	Infection Risk
09/05	72.2	52.6		0.00	
09/06	75.1	46.2	2.3	0.09	
09/07	80.5	61.3	1.5	0.19	
09/08	71.6	68.0	0.3	0.04	

Colchester CT Botrytis - Grape From 2010-08-24 To 2010-09-08

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
08/24	65.8	61.1	8.8	1.8	0.00	
08/25	70.7	61.1	16.5	9.8	1.34	High Infection Risk
08/26	79.7	61.0	8.5	8.8	0.00	
08/27	75.6	54.9	2.3		0.00	
08/28	79.7	52.5	1.3		0.00	
08/29	90.1	53.9	5.3	2.3	0.00	
08/30	88.0	61.3	0.3		0.00	
08/31	92.6	65.1	2.8		0.00	
09/01	92.2	66.3	0.3		0.00	
09/02	88.9	66.0	1.5	1.0	0.00	
09/03	81.7	67.0	9.8	8.0	0.00	
09/04	77.5	59.4	6.8	4.5	0.00	
09/05	72.2	52.6			0.00	
09/06	75.1	46.2	3.5	1.3	0.00	
09/07	80.5	61.3	1.5	0.5	0.00	
09/08	71.6	68.0	0.3		0.00	

Colchester CT Downy Mildew - Grape From 2010-08-24 To 2010-09-08

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
08/24	65.8	0.0	0.11	8.8	1.3	0.0	1	Primary Infection
08/25	70.7	>min	0.07	16.5	9.5	0.0	1	Possible Infection
08/26	79.7	>min	0.02	8.5	8.3	0.8	3	High Risk of Infection
08/27	75.6	>min	0.02	2.3	0.0	0.0	0	
08/28	79.7	>min	0.02	1.3	0.0	0.0	0	
08/29	90.1	>min	0.01	5.3	0.8	0.0	1	Possible Infection
08/30	88.0	>min		0.3	0.0	0.0	0	
08/31	92.6	>min	0.01	2.8	0.0	0.0	0	
09/01	92.2	>min		0.3	0.0	0.0	0	
09/02	88.9	>min		1.5	1.0	1.0	3	High Risk of Infection
09/03	81.7	>min		9.8	5.8	5.8	3	High Risk of Infection
09/04	77.5	>min		6.8	4.0	4.0	3	High Risk of Infection
09/05	72.2	>min			0.0	0.0	0	
09/06	75.1	>min		3.5	0.8	0.0	1	Possible Infection
09/07	80.5	>min		1.5	0.0	0.0	0	
09/08	71.6	>min		0.3	0.0	0.0	0	

Colchester CT Powdery Mildew - Grape From 2010-08-24 To 2010-09-08

Date	Temperature High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
08/24	65.8	62.9	0.0	0.0	8.8		
08/25	70.7	65.1	1.0	0.0	16.0	Heavy	
08/26	79.7	69.0	10.3	0.0	8.3	Heavy	
08/27	75.6	64.4	6.3	0.0	1.5		
08/28	79.7	65.4	8.5	0.0	1.0		60 Heavy
08/29	90.1	72.9	5.3	0.0	5.0		50 Medium
08/30	88.0	74.6	11.8	0.0	0.3		70 Heavy
08/31	92.6	78.3	10.0	0.0	2.5		90 Heavy
09/01	92.2	79.7	10.8	0.0	0.0		100 Heavy
09/02	88.9	77.9	11.8	0.0	1.3		100 Heavy
09/03	81.7	73.8	22.0	0.0	8.8		100 Heavy
09/04	77.5	70.8	15.3	0.0	6.8	Heavy	100 Heavy
09/05	72.2	61.7	1.5	0.0	0.0		90 Heavy
09/06	75.1	62.3	7.5	0.0	3.3		100 Heavy
09/07	80.5	70.5	10.8	0.0	1.3		100 Heavy
09/08	71.6	69.4	0.3	0.0	0.3		90 Heavy

Colchester CT Phomopsis Cane+Leaf Spot - Grape From 2010-08-24 To 2010-09-08

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
08/24	62.9	9.0	0.11	8.5	62.6	37 Moderate	60 Moderate
08/25	65.1	23.8	0.07	55.0	63.9	531 High	431 High
08/26	69.0	8.5	0.02	39.8	64.2	334 High	309 High
08/27	64.4	3.3	0.02	0.0	0.0	0	0
08/28	65.4	3.5	0.02	1.0	60.2	2 Light	6 Light
08/29	72.9	6.8	0.01	1.8	60.3	4 Light	11 Light
08/30	74.6	0.5	0.00	0.0	0.0	0	0
08/31	78.3	3.5	0.01	0.0	0.0	0	0
09/01	79.7	0.3	0.00	0.0	0.0	0	0
09/02	77.9	2.5	0.00	0.0	0.0	0	0
09/03	73.8	11.8	0.00	0.0	0.0	0	0
09/04	70.8	7.0	0.00	0.0	0.0	0	0
09/05	61.7	0.0	0.00	0.0	0.0	0	0
09/06	62.3	4.0	0.00	0.0	0.0	0	0
09/07	70.5	2.5	0.00	0.0	0.0	0	0
09/08	69.4	1.3	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