

Colchester CT Black Rot - Grape From 2010-07-28 To 2010-08-10

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
07/28	83.3	60.2	2.0	0.23	
07/29	87.0	66.5	1.8	0.28	
07/30	78.3	57.0		0.00	
07/31	78.1	54.7	1.0	0.11	
08/01	77.9	58.0	8.3	0.91	
08/02	79.2	58.4	4.3	0.47	
08/03	81.2	64.9		0.00	
08/04	83.8	71.2	1.3	0.21	
08/05	85.9	71.9	12.0	2.15	Infection Risk
08/06	83.5	62.3	3.5	0.60	
08/07	78.9	53.3	1.0	0.06	
08/08	82.5	57.6	5.0	0.52	
08/09	87.4	71.1	6.8	1.22	Infection Risk
08/10	86.6	69.3	4.3	0.44	

Colchester CT Botrytis - Grape From 2010-07-28 To 2010-08-10

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
07/28	83.3	60.2	2.0	1.8	0.00	
07/29	87.0	66.5	1.8	5.5	0.00	
07/30	78.3	57.0		0.5	0.00	
07/31	78.1	54.7	1.0	1.0	0.00	
08/01	77.9	58.0	8.3	9.0	0.00	
08/02	79.2	58.4	4.3	7.0	0.00	
08/03	81.2	64.9			0.00	
08/04	83.8	71.2	1.3	4.0	0.00	
08/05	85.9	71.9	12.0	11.5	0.23	Low Infection Risk
08/06	83.5	62.3	3.5	4.3	0.00	
08/07	78.9	53.3	1.0		0.00	
08/08	82.5	57.6	5.0	8.5	0.00	
08/09	87.4	71.1	6.8	7.3	0.00	
08/10	86.6	69.3	4.3	1.0	0.00	

Colchester CT Downy Mildew - Grape From 2010-07-28 To 2010-08-10

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours >95%RH 43-86	66-77	Risk	Warning
07/28	83.3	0.0		2.0	1.0	0.0	1	Primary Infection
07/29	87.0	>min	0.01	1.8	1.0	1.0	3	High Risk of Infection
07/30	78.3	>min			0.0	0.0	0	
07/31	78.1	>min		1.0	0.3	0.0	0	
08/01	77.9	>min		8.3	8.8	0.3	1	Possible Infection
08/02	79.2	>min		4.3	5.8	0.0	1	Possible Infection
08/03	81.2	>min			0.0	0.0	0	
08/04	83.8	>min		1.3	1.5	1.5	3	High Risk of Infection
08/05	85.9	>min	0.51	12.0	10.5	10.3	3	High Risk of Infection
08/06	83.5	>min	0.25	3.5	4.0	4.0	3	High Risk of Infection
08/07	78.9	>min	0.04	1.0	0.0	0.0	0	
08/08	82.5	>min		5.0	5.0	0.3	1	Possible Infection
08/09	87.4	>min		6.8	7.0	7.0	3	High Risk of Infection
08/10	86.6	>min	0.01	4.3	0.8	0.8	3	High Risk of Infection

Colchester CT Powdery Mildew - Grape From 2010-07-28 To 2010-08-10

Date	Temperature High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
07/28	83.3	74.3	17.0	0.0	2.0		
07/29	87.0	76.2	21.5	0.0	1.8		
07/30	78.3	67.9	10.8	0.0	0.0		60 Heavy
07/31	78.1	66.4	8.8	0.0	1.0		80 Heavy
08/01	77.9	66.2	8.8	0.0	8.0		100 Heavy
08/02	79.2	68.5	11.0	0.0	4.0		100 Heavy
08/03	81.2	72.5	17.0	0.0	0.0		100 Heavy
08/04	83.8	76.5	24.0	0.0	0.5		100 Heavy
08/05	85.9	76.3	23.5	0.0	10.5		100 Heavy
08/06	83.5	73.9	16.3	0.0	3.5		100 Heavy
08/07	78.9	67.3	10.0	0.0	0.8		100 Heavy
08/08	82.5	71.8	16.0	0.0	4.8		100 Heavy
08/09	87.4	77.7	20.0	0.0	6.5		100 Heavy
08/10	86.6	77.0	19.5	0.0	4.3		100 Heavy

Colchester CT Phomopsis Cane+Leaf Spot - Grape From 2010-07-28 To 2010-08-10

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
07/28	74.3	2.0	0.00	0.0	0.0	0	0
07/29	76.2	2.3	0.01	1.3	75.1	2 Light	8 Light
07/30	67.9	0.5	0.00	0.0	0.0	0	0
07/31	66.4	1.3	0.00	0.0	0.0	0	0
08/01	66.2	8.8	0.00	0.0	0.0	0	0
08/02	68.5	5.8	0.00	0.0	0.0	0	0
08/03	72.5	0.0	0.00	0.0	0.0	0	0
08/04	76.5	2.3	0.00	0.0	0.0	0	0
08/05	76.3	16.3	0.51	19.5	83.6	32 Moderate	77 Moderate
08/06	73.9	4.8	0.25	26.0	80.2	78 Moderate	137 High
08/07	67.3	1.3	0.04	0.0	0.0	0	0
08/08	71.8	7.3	0.00	0.0	0.0	0	0
08/09	77.7	7.0	0.00	0.0	0.0	0	0
08/10	77.0	4.8	0.01	1.5	70.6	3 Light	10 Light

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