

Colchester CT Black Rot - Grape From 2010-09-22 To 2010-10-06

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
09/22	80.8	60.2	3.3	0.42	
09/23	77.0	58.8	8.5	1.50	Infection Risk
09/24	76.1	55.7	13.3	0.95	
09/25	85.0	61.8	3.8	1.61	Infection Risk
09/26	71.4	54.6		0.00	
09/27	69.6	57.3	20.0	2.41	Infection Risk
09/28	71.7	68.3	23.3	6.48	Infection Risk
09/29	78.0	61.8	10.3	7.76	Infection Risk
09/30	74.8	61.3	17.3	3.04	Infection Risk
10/01	73.9	53.2	23.5	6.19	Infection Risk
10/02	65.9	45.8	5.8	6.46	Infection Risk
10/03	58.7	41.2	1.3	0.05	
10/04	57.9	48.4	7.8	0.37	
10/05	57.4	51.7	21.3	1.50	Infection Risk
10/06	57.0	53.9	8.0	2.09	Infection Risk

Colchester CT Botrytis - Grape From 2010-09-22 To 2010-10-06

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
09/22	80.8	60.2	3.3	1.8	0.00	
09/23	77.0	58.8	8.5	7.8	0.00	
09/24	76.1	55.7	13.3	12.0	0.55	Moderate Infection Risk
09/25	85.0	61.8	3.8		0.00	
09/26	71.4	54.6			0.00	
09/27	69.6	57.3	20.0	20.5	2.12	High Infection Risk
09/28	71.7	68.3	23.3	22.0	3.20	High Infection Risk
09/29	78.0	61.8	10.3	10.5	0.00	
09/30	74.8	61.3	17.3	12.8	1.60	High Infection Risk
10/01	73.9	53.2	23.5	13.8	2.61	High Infection Risk
10/02	65.9	45.8	7.0	1.0	0.00	
10/03	58.7	41.2	3.0		0.00	
10/04	57.9	48.4	7.8	5.5	0.00	
10/05	57.4	51.7	21.3	21.0	1.92	High Infection Risk
10/06	57.0	53.9	8.0	8.0	0.00	

Colchester CT Downy Mildew - Grape From 2010-09-22 To 2010-10-06

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
09/22	80.8	0.0	0.02	3.3	1.5	1.5	1	Primary Infection
09/23	77.0	>min	0.02	8.5	4.8	2.0	3	High Risk of Infection
09/24	76.1	>min	0.01	13.3	10.3	5.5	3	High Risk of Infection
09/25	85.0	>min		3.8	0.0	0.0	0	
09/26	71.4	>min	0.01		0.0	0.0	0	
09/27	69.6	>min		20.0	20.0	2.3	3	High Risk of Infection
09/28	71.7	>min		23.3	21.0	21.0	3	High Risk of Infection
09/29	78.0	>min	0.01	10.3	9.3	7.0	3	High Risk of Infection
09/30	74.8	>min	0.02	17.3	11.8	6.3	3	High Risk of Infection
10/01	73.9	>min	0.57	23.5	12.5	3.0	3	High Risk of Infection
10/02	65.9	>min		7.0	0.3	0.0	0	
10/03	58.7	>min		2.0	0.0	0.0	0	
10/04	57.9	>min	0.24	7.8	4.0	0.0	1	Possible Infection
10/05	57.4	>min	0.06	21.3	20.3	0.0	1	Possible Infection
10/06	57.0	>min	0.05	8.0	8.0	0.0	1	Possible Infection

Colchester CT Powdery Mildew - Grape From 2010-09-22 To 2010-10-06

Date	Temperature High	Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
09/22	80.8	69.2	11.0	0.0	2.8		
09/23	77.0	65.9	6.0	0.0	8.3		
09/24	76.1	67.4	8.0	0.0	12.8		60 Heavy
09/25	85.0	73.9	18.5	0.0	3.0		80 Heavy
09/26	71.4	61.9	3.8	0.0	0.0		70 Heavy
09/27	69.6	61.1	0.0	0.0	20.0	Heavy	60 Heavy
09/28	71.7	70.2	11.0	0.0	23.0	Heavy	80 Heavy
09/29	78.0	69.3	8.0	0.0	10.0	Heavy	100 Heavy
09/30	74.8	70.4	16.3	0.0	17.3	Heavy	100 Heavy
10/01	73.9	65.7	10.8	0.0	23.0	Heavy	100 Heavy
10/02	65.9	53.9	0.0	0.0	7.0	Heavy	90 Heavy
10/03	58.7	49.3	0.0	0.0	1.8		80 Heavy
10/04	57.9	52.4	0.0	0.0	7.8		70 Heavy
10/05	57.4	54.9	0.0	0.0	20.8	Heavy	60 Heavy
10/06	57.0	55.8	0.0	0.0	8.0	Heavy	50 Medium

Colchester CT Phomopsis Cane+Leaf Spot - Grape From 2010-09-22 To 2010-10-06

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
09/22	69.2	5.5	0.02	1.0	60.4	2 Light	6 Light
09/23	65.9	8.8	0.02	8.0	63.2	34 Moderate	57 Moderate
09/24	67.4	14.3	0.01	0.0	0.0	0	0
09/25	73.9	7.0	0.00	0.0	0.0	0	0
09/26	61.9	0.0	0.01	0.0	0.0	0	0
09/27	61.1	21.8	0.00	0.0	0.0	0	0
09/28	70.2	24.0	0.00	0.0	0.0	0	0
09/29	69.3	10.3	0.01	0.3	67.2	0 Light	2 Light
09/30	70.4	21.8	0.02	6.3	73.7	18 Light	42 Moderate
10/01	65.7	24.0	0.57	29.0	67.1	206 High	227 High
10/02	53.9	7.5	0.00	36.3	63.6	293 High	278 High
10/03	49.3	5.3	0.00	0.0	0.0	0	0
10/04	52.4	8.0	0.24	6.8	48.8	10 Light	18 Light
10/05	54.9	23.5	0.06	20.5	55.3	101 High	112 High
10/06	55.8	8.0	0.05	29.0	55.5	167 High	162 High

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