

Colchester CT Black Rot - Grape From 2010-07-14 To 2010-07-28

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
07/14	79.3	69.6	11.0	1.80	Infection Risk
07/15	79.6	67.7	2.8	0.48	
07/16	85.8	66.7	7.3	1.63	Infection Risk
07/17	88.8	71.2	6.3	1.10	Infection Risk
07/18	89.9	68.6		0.00	
07/19	81.6	62.0	3.8	0.60	
07/20	83.7	67.5	2.8	0.47	
07/21	85.2	66.4	14.5	1.24	Infection Risk
07/22	82.9	65.7	6.8	2.36	Infection Risk
07/23	73.5	61.1	10.5	1.80	Infection Risk
07/24	91.6	72.7	15.3	4.24	Infection Risk
07/25	86.7	69.2	6.8	5.30	Infection Risk
07/26	81.6	60.6		0.00	
07/27	86.2	59.4		0.00	
07/28	83.3	60.2	2.0	0.23	

Colchester CT Botrytis - Grape From 2010-07-14 To 2010-07-28

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
07/14	79.3	69.6	11.0	13.8	0.02	Low Infection Risk
07/15	79.6	67.7	2.8	10.3	0.00	
07/16	85.8	66.7	7.3	9.8	0.00	
07/17	88.8	71.2	6.3	6.5	0.00	
07/18	89.9	68.6			0.00	
07/19	81.6	62.0	3.8	2.0	0.00	
07/20	83.7	67.5	2.8	4.0	0.00	
07/21	85.2	66.4	14.5	14.5	1.25	High Infection Risk
07/22	82.9	65.7	6.8	6.8	0.00	
07/23	73.5	61.1	10.5	11.5	0.45	Low Infection Risk
07/24	91.6	72.7	15.3	14.3	1.07	High Infection Risk
07/25	86.7	69.2	6.8	7.0	0.00	
07/26	81.6	60.6			0.00	
07/27	86.2	59.4			0.00	
07/28	83.3	60.2	2.0	1.8	0.00	

Colchester CT Downy Mildew - Grape From 2010-07-14 To 2010-07-28

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
07/14	79.3	0.0	0.08	11.0	11.0	11.0	1	Primary Infection
07/15	79.6	>min		2.8	4.8	4.8	3	High Risk of Infection
07/16	85.8	>min		7.3	9.0	9.0	3	High Risk of Infection
07/17	88.8	>min		6.3	4.8	4.8	3	High Risk of Infection
07/18	89.9	>min			0.0	0.0	0	
07/19	81.6	>min	0.76	3.8	0.8	0.8	3	High Risk of Infection
07/20	83.7	>min		2.8	3.5	3.5	3	High Risk of Infection
07/21	85.2	>min	1.03	14.5	14.5	14.5	3	High Risk of Infection
07/22	82.9	>min		6.8	6.3	6.0	3	High Risk of Infection
07/23	73.5	>min	0.31	10.5	9.5	7.8	3	High Risk of Infection
07/24	91.6	>min	1.51	15.3	13.5	13.3	3	High Risk of Infection
07/25	86.7	>min	0.14	6.8	6.8	6.8	3	High Risk of Infection
07/26	81.6	>min			0.0	0.0	0	
07/27	86.2	>min			0.0	0.0	0	
07/28	83.3	>min		2.0	1.0	0.0	1	Possible Infection

Colchester CT Powdery Mildew - Grape From 2010-07-14 To 2010-07-28

Date	Temperature High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
07/14	79.3	74.6	22.8	0.0	10.8		
07/15	79.6	72.6	13.3	0.0	2.3		
07/16	85.8	76.2	17.3	0.0	6.8		60 Heavy
07/17	88.8	78.9	19.3	0.0	6.0		80 Heavy
07/18	89.9	78.8	5.8	0.0	0.0		70 Heavy
07/19	81.6	72.1	17.5	0.0	3.8		90 Heavy
07/20	83.7	75.1	17.8	0.0	2.5		100 Heavy
07/21	85.2	73.1	9.0	0.0	14.5		100 Heavy
07/22	82.9	73.4	14.8	0.0	6.5	Heavy	100 Heavy
07/23	73.5	68.6	5.3	0.0	9.5		90 Heavy
07/24	91.6	78.2	24.0	0.0	14.5	Heavy	100 Heavy
07/25	86.7	77.2	21.3	0.0	6.8	Heavy	100 Heavy
07/26	81.6	72.0	14.8	0.0	0.0		100 Heavy
07/27	86.2	73.9	14.3	0.0	0.0		100 Heavy
07/28	83.3	74.3	17.0	0.0	2.0		100 Heavy

Colchester CT Phomopsis Cane+Leaf Spot - Grape From 2010-07-14 To 2010-07-28

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
07/14	74.6	11.5	0.08	10.8	74.4	37 Moderate	72 Moderate
07/15	72.6	5.0	0.00	0.0	0.0	0	0
07/16	76.2	10.8	0.00	0.0	0.0	0	0
07/17	78.9	7.3	0.00	0.0	0.0	0	0
07/18	78.8	1.0	0.00	0.0	0.0	0	0
07/19	72.1	4.5	0.76	3.0	68.7	8 Light	21 Light
07/20	75.1	3.5	0.00	0.0	0.0	0	0
07/21	73.1	14.8	1.03	7.0	68.8	26 Light	51 Moderate
07/22	73.4	6.8	0.00	13.8	67.9	70 Moderate	104 High
07/23	68.6	11.5	0.31	11.0	70.4	47 Moderate	81 Moderate
07/24	78.2	16.5	1.51	31.0	73.7	175 High	222 High
07/25	77.2	7.0	0.14	15.5	75.6	57 Moderate	102 High
07/26	72.0	0.0	0.00	0.0	0.0	0	0
07/27	73.9	0.0	0.00	0.0	0.0	0	0
07/28	74.3	2.0	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