

Colchester CT Black Rot - Grape From 2010-07-07 To 2010-07-22

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
07/07	92.5	73.3		0.00	
07/08	83.4	70.4	9.3	1.21	Infection Risk
07/09	84.2	71.7	9.5	1.50	Infection Risk
07/10	83.2	68.4	13.0	2.76	Infection Risk
07/11	87.8	66.1	7.3	3.96	Infection Risk
07/12	84.9	66.0	3.8	0.63	
07/13	82.1	71.5	12.8	1.31	Infection Risk
07/14	79.3	69.6	11.0	3.11	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	81.3	65.7	6.8	2.36	Infection Risk

Colchester CT Botrytis - Grape From 2010-07-07 To 2010-07-22

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
07/07	92.5	73.3			0.00	
07/08	83.4	70.4	9.3	10.0	0.00	
07/09	84.2	71.7	9.5	9.8	0.00	
07/10	83.2	68.4	13.0	11.5	0.65	Moderate Infection Risk
07/11	87.8	66.1	7.3	8.3	0.00	
07/12	84.9	66.0	3.8	5.3	0.00	
07/13	82.1	71.5	12.8	12.8	0.58	Moderate Infection Risk
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	81.3	65.7	6.8	6.8	0.00	

Colchester CT Downy Mildew - Grape From 2010-07-07 To 2010-07-22

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
07/07	92.5				0.0	0.0	0	
07/08	83.4	0.0		9.3	8.8	8.8	1	Primary Infection
07/09	84.2	>min		9.5	8.3	8.3	3	High Risk of Infection
07/10	83.2	>min	0.32	13.0	10.3	10.3	3	High Risk of Infection
07/11	87.8	>min		7.3	8.3	8.3	3	High Risk of Infection
07/12	84.9	>min		3.8	4.0	4.0	3	High Risk of Infection
07/13	82.1	>min	0.23	12.8	10.0	10.0	3	High Risk of Infection
07/14	79.3	>min	0.08	11.0	11.0	11.0	3	High Risk of 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	81.3	>min		6.8	6.3	6.0	3	High Risk of Infection

Colchester CT Powdery Mildew - Grape From 2010-07-07 To 2010-07-22

Date	Temperature High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
07/07	92.5	81.6	17.0	0.0	0.0		
07/08	83.4	75.7	24.0	0.0	9.0		
07/09	84.2	76.4	24.0	0.0	9.3		60 Heavy
07/10	83.2	73.2	20.3	0.0	12.8	Heavy	80 Heavy
07/11	87.8	75.8	6.5	0.0	6.8	Heavy	100 Heavy
07/12	84.9	76.1	24.0	0.0	3.8		100 Heavy
07/13	82.1	75.3	24.0	0.0	12.3		100 Heavy
07/14	79.3	74.6	22.8	0.0	10.8	Heavy	100 Heavy
07/15	79.6	72.6	13.3	0.0	2.3		100 Heavy
07/16	85.8	76.2	17.3	0.0	6.8		100 Heavy
07/17	88.8	78.9	19.3	0.0	6.0		100 Heavy
07/18	89.9	78.8	5.8	0.0	0.0		90 Heavy
07/19	81.6	72.1	17.5	0.0	3.8		100 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	81.3	71.5	6.3	0.0	6.5	Heavy	100 Heavy

Colchester CT Phomopsis Cane+Leaf Spot - Grape From 2010-07-07 To 2010-07-22

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
07/07	81.6	0.0	0.00	0.0	0.0	0	0
07/08	75.7	11.0	0.00	0.0	0.0	0	0
07/09	76.4	10.0	0.00	0.0	0.0	0	0
07/10	73.2	13.8	0.32	6.3	72.2	19 Light	44 Moderate
07/11	75.8	7.3	0.00	0.0	0.0	0	0
07/12	76.1	4.0	0.00	0.0	0.0	0	0
07/13	75.3	13.8	0.23	7.3	72.9	23 Light	50 Moderate
07/14	74.6	11.5	0.08	18.3	73.8	82 Moderate	128 High
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	71.5	6.8	0.00	13.8	67.9	70 Moderate	104 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