

Colchester CT Black Rot - Grape From 2010-08-05 To 2010-08-19

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
08/05	85.9	71.9	12.0	1.94	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	
08/11	85.9	66.0	9.5	1.55	Infection Risk
08/12	74.8	63.0	10.0	1.55	Infection Risk
08/13	79.6	57.4	10.3	1.24	Infection Risk
08/14	75.6	53.1	8.5	0.76	
08/15	74.1	55.4	14.3	1.11	Infection Risk
08/16	77.5	65.3	16.3	3.81	Infection Risk
08/17	87.1	69.1	7.3	5.02	Infection Risk
08/18	79.8	62.8	1.3	0.14	
08/19	68.1	57.3	6.8	0.70	

Colchester CT Botrytis - Grape From 2010-08-05 To 2010-08-19

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
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	
08/11	85.9	66.0	9.5	0.8	0.00	
08/12	74.8	63.0	10.0	8.0	0.00	
08/13	79.6	57.4	10.3	3.3	0.00	
08/14	75.6	53.1	8.5	7.5	0.00	
08/15	74.1	55.4	14.3	10.8	0.55	Moderate Infection Risk
08/16	77.5	65.3	16.3	17.3	1.80	High Infection Risk
08/17	87.1	69.1	7.3	8.0	0.00	
08/18	79.8	62.8	1.3		0.00	
08/19	68.1	57.3	6.8	6.3	0.00	

Colchester CT Downy Mildew - Grape From 2010-08-05 To 2010-08-19

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
08/05	85.9	0.0	0.51	12.0	10.5	10.3	1	Primary 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
08/11	85.9	>min		9.5	0.0	0.0	0	
08/12	74.8	>min		10.0	7.8	0.3	1	Possible Infection
08/13	79.6	>min		10.3	0.3	0.0	0	
08/14	75.6	>min		8.5	7.3	0.0	1	Possible Infection
08/15	74.1	>min		14.3	7.0	1.0	3	High Risk of Infection
08/16	77.5	>min	0.13	16.3	14.5	14.5	3	High Risk of Infection
08/17	87.1	>min	0.05	7.3	8.0	8.0	3	High Risk of Infection
08/18	79.8	>min	0.02	1.3	0.0	0.0	0	
08/19	68.1	>min		6.8	5.8	0.0	1	Possible Infection

Colchester CT Powdery Mildew - Grape From 2010-08-05 To 2010-08-19

Date	Temperature High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
08/05	85.9	76.3	23.5	0.0	10.5		
08/06	83.5	73.9	16.3	0.0	3.5		
08/07	78.9	67.3	10.0	0.0	0.8		60 Heavy
08/08	82.5	71.8	16.0	0.0	4.8		80 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
08/11	85.9	75.0	20.0	0.0	9.3		100 Heavy
08/12	74.8	68.3	9.3	0.0	9.5		100 Heavy
08/13	79.6	67.0	9.3	0.0	10.0		100 Heavy
08/14	75.6	64.7	8.3	0.0	8.3		100 Heavy
08/15	74.1	66.1	7.0	0.0	14.3		100 Heavy
08/16	77.5	71.5	13.5	0.0	15.8	Heavy	100 Heavy
08/17	87.1	77.1	20.3	0.0	7.0	Heavy	100 Heavy
08/18	79.8	69.9	10.3	0.0	0.5		100 Heavy
08/19	68.1	60.0	0.0	0.0	6.8		90 Heavy

Colchester CT SpecWare 9 Pro - Colchester2010 Phomopsis Cane+Leaf Spot
 - Grape From 2010-08-05 To 2010-08-19

Date	Temp Mean	Wet Hours	Rain- Fall	Wet+ Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
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
08/11	75.0	9.5	0.00	0.0	0.0	0	0
08/12	68.3	11.0	0.00	0.0	0.0	0	0
08/13	67.0	11.3	0.00	0.0	0.0	0	0
08/14	64.7	11.8	0.00	0.0	0.0	0	0
08/15	66.1	14.5	0.00	0.0	0.0	0	0
08/16	71.5	18.0	0.13	13.3	70.3	61 Moderate	99 High
08/17	77.1	7.5	0.05	11.8	73.8	44 Moderate	81 Moderate
08/18	69.9	2.3	0.02	0.0	0.0	0	0
08/19	60.0	6.8	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