

Colchester CT Black Rot - Grape From 2010-09-08 To 2010-09-22

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
09/08	85.1	57.4	0.3	0.04	
09/09	67.8	56.1		0.00	
09/10	65.6	54.6		0.00	
09/11	77.1	51.2	0.5	0.03	
09/12	63.5	49.4	7.8	0.38	
09/13	64.4	54.4	13.5	1.14	Infection Risk
09/14	76.9	53.4	7.5	1.80	Infection Risk
09/15	68.6	49.2		0.00	
09/16	67.3	41.0	6.0	0.88	
09/17	71.4	54.6	12.5	2.46	Infection Risk
09/18	67.3	53.7	9.3	0.59	
09/19	80.2	48.7	10.8	0.56	
09/20	69.6	49.2	5.5	0.98	
09/21	69.2	40.4		0.00	
09/22	61.2	60.2	0.8	0.08	

Colchester CT Botrytis - Grape From 2010-09-08 To 2010-09-22

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
09/08	85.1	57.4	0.3		0.00	
09/09	67.8	56.1			0.00	
09/10	65.6	54.6			0.00	
09/11	77.1	51.2	0.5		0.00	
09/12	63.5	49.4	7.8	8.5	0.00	
09/13	64.4	54.4	13.5	11.5	0.00	
09/14	76.9	53.4	7.5	9.0	0.00	
09/15	68.6	49.2			0.00	
09/16	67.3	41.0	8.0	6.3	0.00	
09/17	71.4	54.6	12.5	9.8	0.27	Low Infection Risk
09/18	67.3	53.7	9.3	9.5	0.00	
09/19	80.2	48.7	10.8	10.3	0.00	
09/20	69.6	49.2	5.5	1.0	0.00	
09/21	69.2	40.4	2.0		0.00	
09/22	61.2	60.2	0.8		0.00	

Colchester CT Downy Mildew - Grape From 2010-09-08 To 2010-09-22

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours >95%RH 43-86	66-77	Risk	Warning
09/08	85.1	0.0		0.3	0.0	0.0	0	Primary Infection
09/09	67.8	>min			0.0	0.0	0	
09/10	65.6	>min			0.0	0.0	0	
09/11	77.1	>min		0.5	0.0	0.0	0	
09/12	63.5	>min		7.8	6.8	0.0	1	Possible Infection
09/13	64.4	>min		13.5	8.5	0.0	1	Possible Infection
09/14	76.9	>min		7.5	9.0	0.0	1	Possible Infection
09/15	68.6	>min			0.0	0.0	0	
09/16	67.3	>min	0.08	6.8	4.0	0.5	3	High Risk of Infection
09/17	71.4	>min	0.17	12.5	9.8	0.5	3	High Risk of Infection
09/18	67.3	>min	0.09	9.3	6.8	0.0	1	Possible Infection
09/19	80.2	>min	0.06	10.8	9.3	0.0	1	Possible Infection
09/20	69.6	>min	0.04	5.5	0.8	0.0	1	Possible Infection
09/21	69.2	>min	0.03		0.0	0.0	0	
09/22	61.2	>min	0.01	0.8	0.0	0.0	0	

Colchester CT Powdery Mildew - Grape From 2010-09-08 To 2010-09-22

Date	Temperature High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
09/08	85.1	71.8	10.3	0.0	0.3		
09/09	67.8	61.1	0.0	0.0	0.0		
09/10	65.6	60.1	0.0	0.0	0.0		
09/11	77.1	61.6	5.3	0.0	0.3		
09/12	63.5	56.4	0.0	0.0	7.8		
09/13	64.4	58.6	0.0	0.0	12.8		
09/14	76.9	63.6	7.0	0.0	7.5	Heavy	
09/15	68.6	57.7	0.0	0.0	0.0		
09/16	67.3	57.9	0.0	0.0	8.0		
09/17	71.4	63.6	0.5	0.0	12.5	Heavy	
09/18	67.3	59.5	0.0	0.0	9.0		
09/19	80.2	63.0	6.3	0.0	10.3		
09/20	69.6	60.7	0.0	0.0	5.0		
09/21	69.2	56.8	0.0	0.0	2.0		
09/22	61.2	60.8	0.0	0.0	0.3		

Colchester CT Phomopsis Cane+Leaf Spot - Grape From 2010-09-08 To 2010-09-22

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
09/08	71.8	1.3	0.00	0.0	0.0	0	0
09/09	61.1	0.0	0.00	0.0	0.0	0	0
09/10	60.1	0.0	0.00	0.0	0.0	0	0
09/11	61.6	1.0	0.00	0.0	0.0	0	0
09/12	56.4	10.0	0.00	0.0	0.0	0	0
09/13	58.6	14.8	0.00	0.0	0.0	0	0
09/14	63.6	7.5	0.00	0.0	0.0	0	0
09/15	57.7	0.0	0.00	0.0	0.0	0	0
09/16	57.9	8.8	0.08	4.8	65.3	16 Light	34 Moderate
09/17	63.6	12.8	0.17	15.8	64.7	89 Moderate	119 High
09/18	59.5	11.3	0.09	11.5	55.5	45 Moderate	62 Moderate
09/19	63.0	11.5	0.06	11.3	52.2	33 Moderate	47 Moderate
09/20	60.7	6.0	0.04	5.8	59.3	20 Light	37 Moderate
09/21	56.8	2.5	0.03	0.0	0.0	0	0
09/22	60.8	2.3	0.01	1.0	60.4	2 Light	6 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