

Colchester 2011 Black Rot - Grape From 2011-05-22 To 2011-06-06

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
05/22	63.3	49.5	2.8	0.19	
05/23	61.9	48.2	20.0	1.48	Infection Risk
05/24	76.8	61.7	10.8	2.48	Infection Risk
05/25	79.7	56.7	5.3	0.79	
05/26	76.1	55.6	12.3	0.75	
05/27	83.3	60.6	10.8	1.68	Infection Risk
05/28	77.2	64.2	11.0	1.61	Infection Risk
05/29	78.3	65.5	9.0	1.54	Infection Risk
05/30	86.0	66.2	10.8	2.28	Infection Risk
05/31	85.3	63.6	1.5	0.23	
06/01	78.1	62.2	8.0	0.64	
06/02	73.1	54.8	1.5	0.80	
06/03	70.5	47.4		0.00	
06/04	74.3	44.9	2.0	0.09	
06/05	68.2	44.2	0.5	0.11	
06/06	75.2	55.8	0.5	0.04	

Colchester 2011 Downy Mildew - Grape From 2011-05-22 To 2011-06-06

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
05/22	63.3	0.0		2.8	3.8	0.0	1	Primary Infection
05/23	61.9	>min	0.25	20.0	22.8	0.0	1	Possible Infection
05/24	76.8	>min	0.21	10.8	13.8	1.5	3	High Risk of Infection
05/25	79.7	>min		5.3	1.0	0.0	1	Possible Infection
05/26	76.1	>min		12.3	16.3	1.8	3	High Risk of Infection
05/27	83.3	>min		10.8	11.5	0.8	3	High Risk of Infection
05/28	77.2	>min		11.0	12.3	4.0	3	High Risk of Infection
05/29	78.3	>min		9.0	7.8	4.8	3	High Risk of Infection
05/30	86.0	>min	0.12	10.8	7.5	7.5	3	High Risk of Infection
05/31	85.3	>min		1.5	0.0	0.0	0	
06/01	78.1	>min		8.0	6.3	2.0	3	High Risk of Infection
06/02	73.1	>min		1.5	1.0	1.0	3	High Risk of Infection
06/03	70.5	>min			0.0	0.0	0	
06/04	74.3	>min		2.3	0.0	0.0	0	
06/05	68.2	>min		5.8	5.5	0.0	1	Possible Infection
06/06	75.2	>min		0.5	0.0	0.0	0	

Colchester 2011 Powdery Mildew - Grape From 2011-05-22 To 2011-06-06

Date	Temperature		Hours	Hours	Wet	Ascospore	Conidial
	High	Mean	70-85	>95	Hours	Infection	Index
05/22	63.3	54.9	0.0	0.0	2.5		
05/23	61.9	54.4	0.0	0.0	19.5	Heavy	
05/24	76.8	66.9	7.8	0.0	10.8	Heavy	
05/25	79.7	66.9	9.0	0.0	4.8		
05/26	76.1	64.3	5.5	0.0	12.3		
05/27	83.3	69.7	10.0	0.0	10.8		
05/28	77.2	69.3	9.3	0.0	10.5		
05/29	78.3	71.0	12.3	0.0	8.8		60 Heavy
05/30	86.0	73.2	13.0	0.0	10.0	Heavy	80 Heavy
05/31	85.3	72.3	12.5	0.0	1.0		100 Heavy
06/01	78.1	69.9	11.5	0.0	7.8		100 Heavy
06/02	73.1	64.5	3.5	0.0	1.5		90 Heavy
06/03	70.5	59.9	0.3	0.0	0.0		80 Heavy
06/04	74.3	59.6	5.3	0.0	2.3		70 Heavy
06/05	68.2	57.3	0.0	0.0	5.8		60 Heavy
06/06	75.2	62.7	3.3	0.0	0.5		50 Medium

Colchester 2011 Phomopsis Cane+Leaf Spot - Grape From 2011-05-22 To 2011-06-06

Date	Temp	Wet	Rain-	Wet+	Wet	Disease Intensity	
	Mean	Hours	Fall	Rain	Temp	Catawba	Seyval
05/22	54.9	4.0	0.00	0.0	0.0	0	0
05/23	54.4	20.8	0.25	25.8	53.4	121 High	123 High
05/24	66.9	11.8	0.21	29.8	57.9	196 High	190 High
05/25	66.9	5.5	0.00	4.3	63.3	14 Light	30 Light
05/26	64.3	12.8	0.00	0.0	0.0	0	0
05/27	69.7	11.0	0.00	0.0	0.0	0	0
05/28	69.3	12.0	0.00	0.0	0.0	0	0
05/29	71.0	10.0	0.00	0.0	0.0	0	0
05/30	73.2	11.5	0.12	2.8	69.1	7 Light	19 Light
05/31	72.3	2.8	0.00	0.0	0.0	0	0
06/01	69.9	9.5	0.00	0.0	0.0	0	0
06/02	64.5	1.8	0.00	0.0	0.0	0	0
06/03	59.9	0.0	0.00	0.0	0.0	0	0
06/04	59.6	2.3	0.00	0.0	0.0	0	0
06/05	57.3	6.0	0.00	0.0	0.0	0	0
06/06	62.7	0.5	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