

Colchester 2011 Black Rot - Grape From 2011-07-01 To 2011-07-15

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
07/01	77.6	53.2	0.3	0.03	
07/02	83.2	59.4	5.3	0.62	
07/03	76.0	62.2	9.3	1.44	Infection Risk
07/04	84.8	66.1	7.8	2.55	Infection Risk
07/05	86.2	64.0		0.00	
07/06	85.9	60.2	4.5	0.52	
07/07	85.7	64.9	5.5	0.93	
07/08	79.3	65.1	12.5	2.05	Infection Risk
07/09	83.4	63.8	7.0	3.13	Infection Risk
07/10	81.9	57.8	3.3	0.21	
07/11	87.7	62.9	6.8	1.23	Infection Risk
07/12	89.3	72.7		0.00	
07/13	85.4	61.4	2.5	0.39	
07/14	76.8	58.1	2.3	0.61	
07/15	69.8	58.4	3.8	0.39	

Colchester 2011 Downy Mildew - Grape From 2011-07-01 To 2011-07-15

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
07/01	77.6	0.0		0.3	0.0	0.0	0	Primary Infection
07/02	83.2	>min		5.3	0.0	0.0	0	
07/03	76.0	>min	0.13	9.3	8.0	5.3	3	High Risk of Infection
07/04	84.8	>min		7.8	7.8	7.8	3	High Risk of Infection
07/05	86.2	>min			0.0	0.0	0	
07/06	85.9	>min		4.5	2.8	0.0	1	Possible Infection
07/07	85.7	>min		5.5	5.0	2.8	3	High Risk of Infection
07/08	79.3	>min	1.07	12.5	10.0	7.8	3	High Risk of Infection
07/09	83.4	>min	0.11	7.0	7.5	1.5	3	High Risk of Infection
07/10	81.9	>min		3.3	1.0	0.0	1	Possible Infection
07/11	87.7	>min		6.8	7.3	4.5	3	High Risk of Infection
07/12	89.3	>min			0.0	0.0	0	
07/13	85.4	>min	0.01	2.5	0.0	0.0	0	
07/14	76.8	>min		2.3	0.0	0.0	0	
07/15	69.8	>min		3.8	0.0	0.0	0	

SpecWare 9 Pro - Colchester2011 Powdery Mildew - Grape From 2011-07-01 To 2011-07-15

Date	Temperature		Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
	High	Mean					
07/01	77.6	67.5	10.8	0.0	0.0		
07/02	83.2	70.8	12.0	0.0	5.0		
07/03	76.0	69.8	12.8	0.0	9.0		60 Heavy
07/04	84.8	74.4	14.8	0.0	7.8	Heavy	80 Heavy
07/05	86.2	75.0	8.3	0.0	0.0		100 Heavy
07/06	85.9	75.2	15.5	0.0	4.3		100 Heavy
07/07	85.7	75.4	14.3	0.0	5.5		100 Heavy
07/08	79.3	69.9	9.0	0.0	11.8		100 Heavy
07/09	83.4	73.4	13.8	0.0	7.0	Heavy	100 Heavy
07/10	81.9	70.3	12.5	0.0	2.3		100 Heavy
07/11	87.7	76.4	11.8	0.0	6.8		100 Heavy
07/12	89.3	79.9	10.5	0.0	0.0		100 Heavy
07/13	85.4	74.2	21.3	0.0	2.3		100 Heavy
07/14	76.8	67.2	9.8	0.0	1.3		100 Heavy
07/15	69.8	61.5	0.0	0.0	3.3		90 Heavy

Colchester 2011 Phomopsis Cane+Leaf Spot - Grape From 2011-07-01 To 2011-07-15

Date	Temp Mean	Wet Hours	Rain- Fall	Wet+ Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
07/01	67.5	0.3	0.00	0.0	0.0	0	0
07/02	70.8	5.5	0.00	0.0	0.0	0	0
07/03	69.8	10.8	0.13	1.5	70.4	3 Light	10 Light
07/04	74.4	8.0	0.00	0.0	0.0	0	0
07/05	75.0	0.8	0.00	0.0	0.0	0	0
07/06	75.2	5.8	0.00	0.0	0.0	0	0
07/07	75.4	6.5	0.00	0.0	0.0	0	0
07/08	69.9	15.8	1.07	10.8	68.2	49 Moderate	81 Moderate
07/09	73.4	7.0	0.11	14.3	67.0	75 Moderate	108 High
07/10	70.3	4.3	0.00	0.0	0.0	0	0
07/11	76.4	6.8	0.00	0.0	0.0	0	0
07/12	79.9	0.0	0.00	0.0	0.0	0	0
07/13	74.2	3.3	0.01	3.0	65.0	8 Light	21 Light
07/14	67.2	3.8	0.00	0.0	0.0	0	0
07/15	61.5	5.5	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