

Colchester CT Black Rot - Grape From 2010-09-15 To 2010-09-29

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
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	80.8	60.2	3.3	0.42	
09/23	77.0	58.8	8.5	1.50	Infection Risk
09/24	76.1	55.7	13.3	0.95	
09/25	85.0	61.8	3.8	1.61	Infection Risk
09/26	71.4	54.6		0.00	
09/27	69.6	57.3	20.0	2.41	Infection Risk
09/28	71.7	68.3	23.3	6.48	Infection Risk
09/29	69.5	65.9	6.0	7.48	Infection Risk

Colchester CT Botrytis - Grape From 2010-09-15 To 2010-09-29

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
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	80.8	60.2	3.3	1.8	0.00	
09/23	77.0	58.8	8.5	7.8	0.00	
09/24	76.1	55.7	13.3	12.0	0.55	Moderate Infection Risk
09/25	85.0	61.8	3.8		0.00	
09/26	71.4	54.6			0.00	
09/27	69.6	57.3	20.0	20.5	2.12	High Infection Risk
09/28	71.7	68.3	23.3	22.0	3.20	High Infection Risk
09/29	69.5	65.9	6.0	6.0	0.00	

Colchester CT Downy Mildew - Grape From 2010-09-15 To 2010-09-29

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
09/15	68.6				0.0	0.0	0	
09/16	67.3	0.0	0.08	6.8	4.0	0.5	1	Primary 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	80.8	>min	0.02	3.3	1.5	1.5	3	High Risk of Infection
09/23	77.0	>min	0.02	8.5	4.8	2.0	3	High Risk of Infection
09/24	76.1	>min	0.01	13.3	10.3	5.5	3	High Risk of Infection
09/25	85.0	>min		3.8	0.0	0.0	0	
09/26	71.4	>min	0.01		0.0	0.0	0	
09/27	69.6	>min		20.0	20.0	2.3	3	High Risk of Infection
09/28	71.7	>min		23.3	21.0	21.0	3	High Risk of Infection
09/29	69.5	>min		6.0	6.0	5.8	3	High Risk of Infection

Colchester CT Powdery Mildew - Grape From 2010-09-15 To 2010-09-29

Date	Temperature High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
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	80.8	69.2	11.0	0.0	2.8		
09/23	77.0	65.9	6.0	0.0	8.3		
09/24	76.1	67.4	8.0	0.0	12.8		60 Heavy
09/25	85.0	73.9	18.5	0.0	3.0		80 Heavy
09/26	71.4	61.9	3.8	0.0	0.0		70 Heavy
09/27	69.6	61.1	0.0	0.0	20.0	Heavy	60 Heavy
09/28	71.7	70.2	11.0	0.0	23.0	Heavy	80 Heavy
09/29	69.5	67.6	0.0	0.0	6.0	Heavy	70 Heavy

Colchester CT Phomopsis Cane+Leaf Spot - Grape From 2010-09-15 To 2010-09-29

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
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	69.2	5.5	0.02	1.0	60.4	2 Light	6 Light
09/23	65.9	8.8	0.02	8.0	63.2	34 Moderate	57 Moderate
09/24	67.4	14.3	0.01	0.0	0.0	0	0
09/25	73.9	7.0	0.00	0.0	0.0	0	0
09/26	61.9	0.0	0.01	0.0	0.0	0	0
09/27	61.1	21.8	0.00	0.0	0.0	0	0
09/28	70.2	24.0	0.00	0.0	0.0	0	0
09/29	67.6	6.0	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