

Colchester CT Black Rot - Grape From 2010-08-15 To 2010-09-01

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
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	86.4	57.3	6.8	0.70	
08/20	81.8	59.4	6.5	0.95	
08/21	76.2	54.2		0.00	
08/22	71.2	65.3	23.3	3.95	Infection Risk
08/23	67.6	59.9	15.3	6.13	Infection Risk
08/24	65.8	61.1	8.8	1.14	Infection Risk
08/25	70.7	61.1	16.5	3.40	Infection Risk
08/26	79.7	61.0	8.5	4.63	Infection Risk
08/27	75.6	54.9	2.3	0.16	
08/28	79.7	52.5	1.3	0.13	
08/29	90.1	53.9	5.3	0.62	
08/30	88.0	61.3	0.3	0.07	
08/31	92.6	65.1	2.8	0.44	
09/01	89.3	66.3	0.3	0.04	

Colchester CT Botrytis - Grape From 2010-08-15 To 2010-09-01

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
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	86.4	57.3	6.8	6.3	0.00	
08/20	81.8	59.4	6.5	2.8	0.00	
08/21	76.2	54.2			0.00	
08/22	71.2	65.3	23.3	22.8	3.21	High Infection Risk
08/23	67.6	59.9	15.3	15.0	1.20	High Infection Risk
08/24	65.8	61.1	8.8	1.8	0.00	
08/25	70.7	61.1	16.5	9.8	1.34	High Infection Risk
08/26	79.7	61.0	8.5	8.8	0.00	
08/27	75.6	54.9	2.3		0.00	
08/28	79.7	52.5	1.3		0.00	
08/29	90.1	53.9	5.3	2.3	0.00	
08/30	88.0	61.3	0.3		0.00	
08/31	92.6	65.1	2.8		0.00	
09/01	89.3	66.3	0.3		0.00	

Colchester CT Downy Mildew - Grape From 2010-08-15 To 2010-09-01

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours >95%RH 43-86	66-77	Risk	Warning
08/15	74.1	0.0		14.3	7.0	1.0	1	Primary 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	86.4	>min	0.01	6.8	5.8	0.0	1	Possible Infection
08/20	81.8	>min	0.01	6.5	2.3	0.0	1	Possible Infection
08/21	76.2	>min			0.0	0.0	0	
08/22	71.2	>min	0.01	23.3	22.0	21.5	3	High Risk of Infection
08/23	67.6	>min	0.13	15.3	11.5	5.5	3	High Risk of Infection
08/24	65.8	>min	0.11	8.8	1.3	0.0	1	Possible Infection
08/25	70.7	>min	0.07	16.5	9.5	0.0	1	Possible Infection
08/26	79.7	>min	0.02	8.5	8.3	0.8	3	High Risk of Infection
08/27	75.6	>min	0.02	2.3	0.0	0.0	0	
08/28	79.7	>min	0.02	1.3	0.0	0.0	0	
08/29	90.1	>min	0.01	5.3	0.8	0.0	1	Possible Infection
08/30	88.0	>min		0.3	0.0	0.0	0	
08/31	92.6	>min	0.01	2.8	0.0	0.0	0	
09/01	89.3	>min		0.3	0.0	0.0	0	

Colchester CT Powdery Mildew - Grape From 2010-08-15 To 2010-09-01

Date	Temperature High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
08/15	74.1	66.1	7.0	0.0	14.3		
08/16	77.5	71.5	13.5	0.0	15.8	Heavy	
08/17	87.1	77.1	20.3	0.0	7.0	Heavy	60 Heavy
08/18	79.8	69.9	10.3	0.0	0.5		80 Heavy
08/19	86.4	71.9	12.8	0.0	6.8		100 Heavy
08/20	81.8	70.8	12.0	0.0	6.3		100 Heavy
08/21	76.2	65.6	8.0	0.0	0.0		100 Heavy
08/22	71.2	68.3	3.3	0.0	23.3	Heavy	90 Heavy
08/23	67.6	63.9	0.0	0.0	13.8	Heavy	80 Heavy
08/24	65.8	62.9	0.0	0.0	8.8		70 Heavy
08/25	70.7	65.1	1.0	0.0	16.0	Heavy	60 Heavy
08/26	79.7	69.0	10.3	0.0	8.3	Heavy	80 Heavy
08/27	75.6	64.4	6.3	0.0	1.5		100 Heavy
08/28	79.7	65.4	8.5	0.0	1.0		100 Heavy
08/29	90.1	72.9	5.3	0.0	5.0		90 Heavy
08/30	88.0	74.6	11.8	0.0	0.3		100 Heavy
08/31	92.6	78.3	10.0	0.0	2.5		100 Heavy
09/01	89.3	75.6	4.5	0.0	0.0		90 Heavy

Colchester CT Phomopsis Cane+Leaf Spot - Grape From 2010-08-15 To 2010-09-01

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
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	71.9	6.8	0.01	0.0	0.0	0	0
08/20	70.8	6.5	0.01	0.0	0.0	0	0
08/21	65.6	0.0	0.00	0.0	0.0	0	0
08/22	68.3	23.8	0.01	2.0	67.4	4 Light	14 Light
08/23	63.9	21.5	0.13	38.0	64.8	312 High	297 High
08/24	62.9	9.0	0.11	8.5	62.6	37 Moderate	60 Moderate
08/25	65.1	23.8	0.07	55.0	63.9	531 High	431 High
08/26	69.0	8.5	0.02	39.8	64.2	334 High	309 High
08/27	64.4	3.3	0.02	0.0	0.0	0	0
08/28	65.4	3.5	0.02	1.0	60.2	2 Light	6 Light
08/29	72.9	6.8	0.01	1.8	60.3	4 Light	11 Light
08/30	74.6	0.5	0.00	0.0	0.0	0	0
08/31	78.3	3.5	0.01	0.0	0.0	0	0
09/01	75.6	0.3	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