

Colchester CT Black Rot - Grape From 2010-07-22 To 2010-08-05

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
07/22	82.9	65.7	6.8	1.11	Infection Risk
07/23	73.5	61.1	10.5	1.80	Infection Risk
07/24	91.6	72.7	15.3	4.24	Infection Risk
07/25	86.7	69.2	6.8	5.30	Infection Risk
07/26	81.6	60.6		0.00	
07/27	86.2	59.4		0.00	
07/28	83.3	60.2	2.0	0.23	
07/29	87.0	66.5	1.8	0.28	
07/30	78.3	57.0		0.00	
07/31	78.1	54.7	1.0	0.11	
08/01	77.9	58.0	8.3	0.91	
08/02	79.2	58.4	4.3	0.47	
08/03	81.2	64.9		0.00	
08/04	83.8	71.2	1.3	0.21	
08/05	74.4	73.0	8.0	1.54	Infection Risk

Colchester CT Botrytis - Grape From 2010-07-22 To 2010-08-05

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
07/22	82.9	65.7	6.8	6.8	0.00	
07/23	73.5	61.1	10.5	11.5	0.45	Low Infection Risk
07/24	91.6	72.7	15.3	14.3	1.07	High Infection Risk
07/25	86.7	69.2	6.8	7.0	0.00	
07/26	81.6	60.6			0.00	
07/27	86.2	59.4			0.00	
07/28	83.3	60.2	2.0	1.8	0.00	
07/29	87.0	66.5	1.8	5.5	0.00	
07/30	78.3	57.0		0.5	0.00	
07/31	78.1	54.7	1.0	1.0	0.00	
08/01	77.9	58.0	8.3	9.0	0.00	
08/02	79.2	58.4	4.3	7.0	0.00	
08/03	81.2	64.9			0.00	
08/04	83.8	71.2	1.3	4.0	0.00	
08/05	74.4	73.0	8.0	8.0	0.00	

Colchester CT Downy Mildew - Grape From 2010-07-22 To 2010-08-05

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours >95%RH 43-86	66-77	Risk	Warning
07/22	82.9	0.0		6.8	6.3	6.0	1	Primary Infection
07/23	73.5	>min	0.31	10.5	9.5	7.8	3	High Risk of Infection
07/24	91.6	>min	1.51	15.3	13.5	13.3	3	High Risk of Infection
07/25	86.7	>min	0.14	6.8	6.8	6.8	3	High Risk of Infection
07/26	81.6	>min			0.0	0.0	0	
07/27	86.2	>min			0.0	0.0	0	
07/28	83.3	>min		2.0	1.0	0.0	1	Possible Infection
07/29	87.0	>min	0.01	1.8	1.0	1.0	3	High Risk of Infection
07/30	78.3	>min			0.0	0.0	0	
07/31	78.1	>min		1.0	0.3	0.0	0	
08/01	77.9	>min		8.3	8.8	0.3	1	Possible Infection
08/02	79.2	>min		4.3	5.8	0.0	1	Possible Infection
08/03	81.2	>min			0.0	0.0	0	
08/04	83.8	>min		1.3	1.5	1.5	3	High Risk of Infection
08/05	74.4	>min	0.05	8.0	8.0	8.0	3	High Risk of Infection

Colchester CT Powdery Mildew - Grape From 2010-07-22 To 2010-08-05

Date	Temperature High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
07/22	82.9	73.4	14.8	0.0	6.5		
07/23	73.5	68.6	5.3	0.0	9.5		
07/24	91.6	78.2	24.0	0.0	14.5	Heavy	
07/25	86.7	77.2	21.3	0.0	6.8	Heavy	
07/26	81.6	72.0	14.8	0.0	0.0		60 Heavy
07/27	86.2	73.9	14.3	0.0	0.0		80 Heavy
07/28	83.3	74.3	17.0	0.0	2.0		100 Heavy
07/29	87.0	76.2	21.5	0.0	1.8		100 Heavy
07/30	78.3	67.9	10.8	0.0	0.0		100 Heavy
07/31	78.1	66.4	8.8	0.0	1.0		100 Heavy
08/01	77.9	66.2	8.8	0.0	8.0		100 Heavy
08/02	79.2	68.5	11.0	0.0	4.0		100 Heavy
08/03	81.2	72.5	17.0	0.0	0.0		100 Heavy
08/04	83.8	76.5	24.0	0.0	0.5		100 Heavy
08/05	74.4	73.8	8.0	0.0	7.5		100 Heavy

Colchester CT Phomopsis Cane+Leaf Spot - Grape From 2010-07-22 To 2010-08-05

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
07/22	73.4	6.8	0.00	0.0	0.0	0	0
07/23	68.6	11.5	0.31	11.0	70.4	47 Moderate	81 Moderate
07/24	78.2	16.5	1.51	31.0	73.7	175 High	222 High
07/25	77.2	7.0	0.14	15.5	75.6	57 Moderate	102 High
07/26	72.0	0.0	0.00	0.0	0.0	0	0
07/27	73.9	0.0	0.00	0.0	0.0	0	0
07/28	74.3	2.0	0.00	0.0	0.0	0	0
07/29	76.2	2.3	0.01	1.3	75.1	2 Light	8 Light
07/30	67.9	0.5	0.00	0.0	0.0	0	0
07/31	66.4	1.3	0.00	0.0	0.0	0	0
08/01	66.2	8.8	0.00	0.0	0.0	0	0
08/02	68.5	5.8	0.00	0.0	0.0	0	0
08/03	72.5	0.0	0.00	0.0	0.0	0	0
08/04	76.5	2.3	0.00	0.0	0.0	0	0
08/05	73.8	8.0	0.05	1.0	73.1	1 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