

Colchester 2011 Black Rot - Grape From 2011-07-15 To 2011-08-01

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
07/15	84.6	58.4	4.5	0.39	
07/16	85.0	59.9	7.0	1.03	Infection Risk
07/17	85.3	61.8	2.3	0.29	
07/18	86.1	69.9	1.0	0.17	
07/19	85.9	67.6	8.8	1.30	Infection Risk
07/20	84.6	62.4	10.0	1.38	Infection Risk
07/21	87.6	70.2	8.0	1.96	Infection Risk
07/22	97.1	72.1	6.0	0.85	
07/23	90.1	67.5	4.0	0.60	
07/24	83.2	66.9	6.8	0.63	
07/25	70.1	62.0	10.0	1.03	Infection Risk
07/26	81.0	62.1	14.5	3.12	Infection Risk
07/27	81.1	60.0	6.5	3.95	Infection Risk
07/28	83.0	60.2	4.8	0.56	
07/29	74.6	67.1	15.8	2.69	Infection Risk
07/30	85.1	65.2	6.0	3.71	Infection Risk
07/31	86.9	61.8	5.5	0.75	
08/01	79.8	64.3	2.0	0.31	

Colchester 2011 Botrytis - Grape From 2011-07-15 To 2011-08-01

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
07/15	84.6	58.4	4.5		0.00	
07/16	85.0	59.9	7.0	6.5	0.00	
07/17	85.3	61.8	2.3	2.0	0.00	
07/18	86.1	69.9	1.0		0.00	
07/19	85.9	67.6	8.8	6.3	0.00	
07/20	84.6	62.4	10.0	7.5	0.00	
07/21	87.6	70.2	8.0	8.5	0.00	
07/22	97.1	72.1	6.3	1.5	0.00	
07/23	90.1	67.5	4.0		0.00	
07/24	83.2	66.9	6.8		0.00	
07/25	70.1	62.0	10.0	5.8	0.00	
07/26	81.0	62.1	14.5	14.5	0.93	Moderate Infection Risk
07/27	81.1	60.0	6.5	6.3	0.00	
07/28	83.0	60.2	4.8	4.0	0.00	
07/29	74.6	67.1	15.8	19.0	1.94	High Infection Risk
07/30	85.1	65.2	6.0	5.8	0.00	
07/31	86.9	61.8	5.5	3.3	0.00	
08/01	79.8	64.3	2.0	1.0	0.00	

Colchester 2011 Downy Mildew - Grape From 2011-07-15 To 2011-08-01

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
07/15	84.6	0.0	0.02	4.5	0.0	0.0	0	Primary Infection
07/16	85.0	>min		7.0	5.5	0.8	3	High Risk of Infection
07/17	85.3	>min		2.3	1.3	0.0	1	Possible Infection
07/18	86.1	>min		1.0	0.0	0.0	0	
07/19	85.9	>min		8.8	5.8	5.8	3	High Risk of Infection
07/20	84.6	>min		10.0	6.5	2.0	3	High Risk of Infection
07/21	87.6	>min		8.0	8.3	8.3	3	High Risk of Infection
07/22	97.1	>min		5.5	1.0	1.0	3	High Risk of Infection
07/23	90.1	>min		4.0	0.0	0.0	0	
07/24	83.2	>min	0.01	6.8	0.0	0.0	0	
07/25	70.1	>min	0.07	10.0	4.3	0.0	1	Possible Infection
07/26	81.0	>min	0.55	14.5	14.0	2.0	3	High Risk of Infection
07/27	81.1	>min	0.01	6.5	6.3	0.0	1	Possible Infection
07/28	83.0	>min		4.8	3.8	0.0	1	Possible Infection
07/29	74.6	>min		15.8	18.0	18.0	3	High Risk of Infection
07/30	85.1	>min		6.0	4.3	4.3	3	High Risk of Infection
07/31	86.9	>min		5.5	2.3	0.0	1	Possible Infection
08/01	79.8	>min		2.0	0.8	0.0	1	Possible Infection

Colchester 2011 Powdery Mildew - Grape From 2011-07-15 To 2011-08-01

Date	Temperature High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
07/15	84.6	70.5	13.0	0.0	4.0		
07/16	85.0	73.3	14.8	0.0	7.0		
07/17	85.3	75.3	17.0	0.0	2.3		60 Heavy
07/18	86.1	76.2	23.3	0.0	0.8		80 Heavy
07/19	85.9	76.8	13.0	0.0	8.8		100 Heavy
07/20	84.6	74.0	16.8	0.0	10.0		100 Heavy
07/21	87.6	78.5	18.8	0.0	8.0		100 Heavy
07/22	97.1	85.9	7.3	5.3	3.8		100 Heavy
07/23	90.1	78.6	19.5	0.0	2.5		100 Heavy
07/24	83.2	76.8	22.5	0.0	5.8		100 Heavy
07/25	70.1	66.1	0.3	0.0	8.8		90 Heavy
07/26	81.0	69.1	8.8	0.0	14.3	Heavy	100 Heavy
07/27	81.1	70.6	12.5	0.0	6.5	Heavy	100 Heavy
07/28	83.0	71.7	13.8	0.0	4.5		100 Heavy
07/29	74.6	71.3	17.3	0.0	14.5	Heavy	100 Heavy
07/30	85.1	76.9	20.5	0.0	6.0	Heavy	100 Heavy
07/31	86.9	74.7	16.3	0.0	5.5		100 Heavy
08/01	79.8	69.7	2.0	0.0	2.0		90 Heavy

Colchester 2011 Phomopsis Cane+Leaf Spot - Grape From 2011-07-15 To 2011-08-01

Date	Temp Mean	Wet Hours	Rain- Fall	Wet+ Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
07/15	70.5	6.5	0.02	0.5	65.2	1 Light	3 Light
07/16	73.3	7.0	0.00	7.5	62.8	31 Moderate	53 Moderate
07/17	75.3	3.5	0.00	0.0	0.0	0	0
07/18	76.2	4.5	0.00	0.0	0.0	0	0
07/19	76.8	9.0	0.00	0.0	0.0	0	0
07/20	74.0	11.0	0.00	0.0	0.0	0	0
07/21	78.5	8.3	0.00	0.0	0.0	0	0
07/22	85.9	7.3	0.00	0.0	0.0	0	0
07/23	78.6	5.3	0.00	0.0	0.0	0	0
07/24	76.8	11.3	0.01	0.3	76.6	0 Light	1 Light
07/25	66.1	15.8	0.07	6.8	63.1	26 Light	48 Moderate
07/26	69.1	15.0	0.55	21.5	63.9	139 High	162 High
07/27	70.6	6.8	0.01	13.3	63.8	69 Moderate	98 High
07/28	71.7	5.5	0.00	0.0	0.0	0	0
07/29	71.3	19.8	0.00	0.0	0.0	0	0
07/30	76.9	6.3	0.00	0.0	0.0	0	0
07/31	74.7	5.8	0.00	0.0	0.0	0	0
08/01	69.7	2.3	0.00	0.0	0.0	0	0