

Colchester 2011 Black Rot - Grape From 2011-08-01 To 2011-08-16

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
08/01	85.5	64.1	3.5	0.31	
08/02	86.0	60.6	6.0	1.09	Infection Risk
08/03	81.1	59.8	6.0	0.46	
08/04	82.1	63.2	7.3	1.48	Infection Risk
08/05	77.1	65.5	3.8	0.63	
08/06	79.6	68.0	9.0	0.91	
08/07	86.3	68.1	16.3	3.38	Infection Risk
08/08	85.8	69.5	10.8	4.43	Infection Risk
08/09	78.9	64.0	14.5	1.86	Infection Risk
08/10	82.8	67.6	7.3	2.61	Infection Risk
08/11	79.6	60.3		0.00	
08/12	79.9	53.7	2.3	0.10	
08/13	81.3	57.3	6.3	0.70	
08/14	68.4	63.4	21.8	3.42	Infection Risk
08/15	69.9	61.1	24.0	7.24	Infection Risk
08/16	63.7	59.0	7.3	7.99	Infection Risk

Colchester 2011 Botrytis - Grape From 2011-08-01 To 2011-08-16

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
08/01	85.5	64.1	3.5	1.0	0.00	
08/02	86.0	60.6	6.0	3.8	0.00	
08/03	81.1	59.8	6.0	2.0	0.00	
08/04	82.1	63.2	7.3	6.5	0.00	
08/05	77.1	65.5	3.8	3.3	0.00	
08/06	79.6	68.0	9.0	9.0	0.00	
08/07	86.3	68.1	16.3	16.0	1.29	High Infection Risk
08/08	85.8	69.5	10.8	10.5	0.12	Low Infection Risk
08/09	78.9	64.0	14.5	12.8	0.98	Moderate Infection Risk
08/10	82.8	67.6	7.3	7.3	0.00	
08/11	79.6	60.3			0.00	
08/12	79.9	53.7	2.3	1.5	0.00	
08/13	81.3	57.3	6.3	6.5	0.00	
08/14	68.4	63.4	21.8	21.3	2.76	High Infection Risk
08/15	69.9	61.1	24.0	24.0	3.31	High Infection Risk
08/16	63.7	59.0	7.3	7.5	0.00	

Colchester 2011 Downy Mildew - Grape From 2011-08-01 To 2011-08-16

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
08/01	85.5	0.0		3.5	0.8	0.0	1	Primary Infection
08/02	86.0	>min		6.0	1.8	0.0	1	Possible Infection
08/03	81.1	>min	0.04	6.0	1.3	0.0	1	Possible Infection
08/04	82.1	>min	0.01	7.3	6.5	0.3	1	Possible Infection
08/05	77.1	>min		3.8	1.8	0.0	1	Possible Infection
08/06	79.6	>min	0.11	9.0	4.8	4.8	3	High Risk of Infection
08/07	86.3	>min	1.88	16.3	15.5	15.3	3	High Risk of Infection
08/08	85.8	>min	0.02	10.8	9.5	9.5	3	High Risk of Infection
08/09	78.9	>min	1.00	14.5	12.3	9.3	3	High Risk of Infection
08/10	82.8	>min		7.3	7.0	7.0	3	High Risk of Infection
08/11	79.6	>min			0.0	0.0	0	
08/12	79.9	>min		2.3	0.3	0.0	0	
08/13	81.3	>min		6.3	6.5	0.0	1	Possible Infection
08/14	68.4	>min	1.79	21.8	20.0	10.8	3	High Risk of Infection
08/15	69.9	>min	0.69	24.0	24.0	17.3	3	High Risk of Infection
08/16	63.7	>min		7.3	7.5	0.0	1	Possible Infection

Colchester 2011 Powdery Mildew - Grape From 2011-08-01 To 2011-08-16

Date	Temperature High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
08/01	85.5	74.3	15.3	0.0	2.5		
08/02	86.0	74.8	13.3	0.0	5.3		
08/03	81.1	70.0	11.5	0.0	6.0		60 Heavy
08/04	82.1	70.8	11.8	0.0	7.0		80 Heavy
08/05	77.1	70.5	11.5	0.0	2.5		100 Heavy
08/06	79.6	72.7	16.8	0.0	8.8		100 Heavy
08/07	86.3	75.4	21.8	0.0	16.0	Heavy	100 Heavy
08/08	85.8	77.0	22.3	0.0	10.8	Heavy	100 Heavy
08/09	78.9	71.3	10.8	0.0	14.5		100 Heavy
08/10	82.8	74.7	23.8	0.0	7.3	Heavy	100 Heavy
08/11	79.6	69.8	11.8	0.0	0.0		100 Heavy
08/12	79.9	68.2	11.8	0.0	2.3		100 Heavy
08/13	81.3	70.4	13.3	0.0	6.3		100 Heavy
08/14	68.4	66.1	0.0	0.0	21.8	Heavy	90 Heavy
08/15	69.9	66.4	0.0	0.0	24.0	Heavy	80 Heavy
08/16	63.7	60.1	0.0	0.0	7.3	Heavy	70 Heavy

Colchester 2011 Phomopsis Cane+Leaf Spot - Grape From 2011-08-01 To 2011-08-16

Date	Temp Mean	Wet Hours	Rain- Fall	Wet+ Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
08/01	74.3	4.5	0.00	0.0	0.0	0	0
08/02	74.8	6.3	0.00	0.0	0.0	0	0
08/03	70.0	6.0	0.04	2.5	65.0	6 Light	18 Light
08/04	70.8	10.3	0.01	9.5	64.7	43 Moderate	70 Moderate
08/05	70.5	9.5	0.00	0.0	0.0	0	0
08/06	72.7	10.0	0.11	0.5	68.7	1 Light	3 Light
08/07	75.4	17.0	1.88	14.8	72.6	64 Moderate	106 High
08/08	77.0	11.0	0.02	4.5	71.1	13 Light	32 Moderate
08/09	71.3	15.0	1.00	18.8	69.2	105 High	143 High
08/10	74.7	7.3	0.00	14.8	70.5	71 Moderate	110 High
08/11	69.8	1.5	0.00	0.0	0.0	0	0
08/12	68.2	2.5	0.00	0.0	0.0	0	0
08/13	70.4	6.3	0.00	0.0	0.0	0	0
08/14	66.1	22.0	1.79	20.3	65.8	126 High	155 High
08/15	66.4	24.0	0.69	44.3	66.1	383 High	351 High
08/16	60.1	7.5	0.00	51.8	65.2	484 High	411 High