

Colchester 2011 Black Rot - Grape From 2011-08-09 To 2011-08-24

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
08/09	78.9	64.0	14.5	1.35	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	72.4	59.0	9.8	7.99	Infection Risk
08/17	84.0	57.5	6.8	0.99	
08/18	81.6	62.8	4.0	0.61	
08/19	79.2	66.2	4.5	0.63	
08/20	85.9	65.8	9.0	1.39	Infection Risk
08/21	81.5	62.8	11.3	1.36	Infection Risk
08/22	76.1	59.8	6.3	1.70	Infection Risk
08/23	77.5	54.0		0.00	
08/24	70.0	54.7	5.5	0.57	

Colchester 2011 Botrytis - Grape From 2011-08-09 To 2011-08-24

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
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	72.4	59.0	9.8	9.8	0.00	
08/17	84.0	57.5	6.8	7.3	0.00	
08/18	81.6	62.8	4.0	4.0	0.00	
08/19	79.2	66.2	4.5	6.8	0.00	
08/20	85.9	65.8	9.0	8.8	0.00	
08/21	81.5	62.8	11.3	11.0	0.26	Low Infection Risk
08/22	76.1	59.8	6.3	5.5	0.00	
08/23	77.5	54.0			0.00	
08/24	70.0	54.7	5.5	4.8	0.00	

Colchester 2011 Downy Mildew - Grape From 2011-08-09 To 2011-08-24

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
08/09	78.9	0.0	1.00	14.5	12.3	9.3	1	Primary 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	72.4	>min		9.8	9.3	0.0	1	Possible Infection
08/17	84.0	>min		6.8	7.0	0.0	1	Possible Infection
08/18	81.6	>min		4.0	3.3	0.0	1	Possible Infection
08/19	79.2	>min		4.5	4.3	4.3	3	High Risk of Infection
08/20	85.9	>min		9.0	8.5	8.3	3	High Risk of Infection
08/21	81.5	>min	0.05	11.3	8.8	3.8	3	High Risk of Infection
08/22	76.1	>min	0.09	6.3	5.5	5.3	3	High Risk of Infection
08/23	77.5	>min			0.0	0.0	0	
08/24	70.0	>min		5.5	2.8	0.0	1	Possible Infection

Colchester 2011 Powdery Mildew - Grape From 2011-08-09 To 2011-08-24

Date	Temperature High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
08/09	78.9	71.3	10.8	0.0	14.5		
08/10	82.8	74.7	23.8	0.0	7.3	Heavy	
08/11	79.6	69.8	11.8	0.0	0.0		60 Heavy
08/12	79.9	68.2	11.8	0.0	2.3		80 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	72.4	64.7	3.8	0.0	9.5	Heavy	70 Heavy
08/17	84.0	71.1	12.3	0.0	6.5		90 Heavy
08/18	81.6	72.5	17.0	0.0	3.5		100 Heavy
08/19	79.2	72.5	16.0	0.0	4.5		100 Heavy
08/20	85.9	73.1	6.0	0.0	8.8		100 Heavy
08/21	81.5	72.7	16.8	0.0	11.3		100 Heavy
08/22	76.1	68.5	7.8	0.0	6.3		100 Heavy
08/23	77.5	65.1	8.3	0.0	0.0		100 Heavy
08/24	70.0	61.0	0.3	0.0	5.5		90 Heavy

Colchester 2011 Phomopsis Cane+Leaf Spot - Grape From 2011-08-09 To 2011-08-24

Date	Temp Mean	Wet Hours	Rain- Fall	Wet+ Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
08/09	71.3	15.0	1.00	7.5	70.5	27 Light	54 Moderate
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	64.7	11.0	0.00	51.8	65.2	484 High	411 High
08/17	71.1	7.5	0.00	0.0	0.0	0	0
08/18	72.5	6.8	0.00	0.0	0.0	0	0
08/19	72.5	7.5	0.00	0.0	0.0	0	0
08/20	73.1	10.3	0.00	0.0	0.0	0	0
08/21	72.7	11.3	0.05	3.3	71.9	8 Light	22 Light
08/22	68.5	6.5	0.09	9.8	69.3	41 Moderate	72 Moderate
08/23	65.1	0.0	0.00	0.0	0.0	0	0
08/24	61.0	5.5	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