

Colchester 2011 Black Rot - Grape From 2011-05-29 To 2011-06-10

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
05/29	78.3	65.5	9.0	0.99	
05/30	86.0	66.2	10.8	2.28	Infection Risk
05/31	85.3	63.6	1.5	0.23	
06/01	78.1	62.2	8.0	0.64	
06/02	73.1	54.8	1.5	0.80	
06/03	70.5	47.4		0.00	
06/04	74.3	44.9	2.0	0.09	
06/05	68.2	44.2	0.5	0.11	
06/06	79.6	55.8	1.8	0.14	
06/07	86.6	56.5	5.0	0.64	
06/08	89.5	63.4	4.8	0.52	
06/09	84.6	62.2	11.5	1.03	Infection Risk
06/10	68.5	64.5	6.3	1.98	Infection Risk

Colchester 2011 Downy Mildew - Grape From 2011-05-29 To 2011-06-10

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
05/29	78.3	0.0		9.0	7.8	4.8	1	Primary Infection
05/30	86.0	>min	0.12	10.8	7.5	7.5	3	High Risk of Infection
05/31	85.3	>min		1.5	0.0	0.0	0	
06/01	78.1	>min		8.0	6.3	2.0	3	High Risk of Infection
06/02	73.1	>min		1.5	1.0	1.0	3	High Risk of Infection
06/03	70.5	>min			0.0	0.0	0	
06/04	74.3	>min		2.3	0.0	0.0	0	
06/05	68.2	>min		5.8	5.5	0.0	1	Possible Infection
06/06	79.6	>min		1.8	0.0	0.0	0	
06/07	86.6	>min		5.0	0.8	0.0	1	Possible Infection
06/08	89.5	>min	0.03	4.8	0.0	0.0	0	
06/09	84.6	>min	0.84	11.5	8.3	0.0	1	Possible Infection
06/10	68.5	>min	0.01	6.3	6.8	0.5	3	High Risk of Infection

Colchester 2011 Powdery Mildew - Grape From 2011-05-29 To 2011-06-10

Date	Temperature		Hours	Hours	Wet	Ascospore	Conidial
	High	Mean	70-85	>95	Hours	Infection	Index
05/29	78.3	71.0	12.3	0.0	8.8		
05/30	86.0	73.2	13.0	0.0	10.0	Heavy	
05/31	85.3	72.3	12.5	0.0	1.0		60 Heavy
06/01	78.1	69.9	11.5	0.0	7.8		80 Heavy
06/02	73.1	64.5	3.5	0.0	1.5		70 Heavy
06/03	70.5	59.9	0.3	0.0	0.0		60 Heavy
06/04	74.3	59.6	5.3	0.0	2.3		50 Medium
06/05	68.2	57.3	0.0	0.0	5.8		40 Medium
06/06	79.6	67.0	10.8	0.0	1.5		60 Heavy
06/07	86.6	73.2	15.3	0.0	5.0		80 Heavy
06/08	89.5	77.2	5.5	0.0	4.5		70 Heavy
06/09	84.6	71.3	16.0	0.0	11.5		90 Heavy
06/10	68.5	65.3	0.0	0.0	6.3	Heavy	80 Heavy

Colchester 2011 Phomopsis Cane+Leaf Spot - Grape From 2011-05-29 To 2011-06-10

Date	Temp	Wet	Rain-	Wet+	Wet	Disease Intensity	
	Mean	Hours	Fall	Rain	Temp	Catawba	Seyval
05/29	71.0	10.0	0.00	0.0	0.0	0	0
05/30	73.2	11.5	0.12	2.8	69.1	7 Light	19 Light
05/31	72.3	2.8	0.00	0.0	0.0	0	0
06/01	69.9	9.5	0.00	0.0	0.0	0	0
06/02	64.5	1.8	0.00	0.0	0.0	0	0
06/03	59.9	0.0	0.00	0.0	0.0	0	0
06/04	59.6	2.3	0.00	0.0	0.0	0	0
06/05	57.3	6.0	0.00	0.0	0.0	0	0
06/06	67.0	2.3	0.00	0.0	0.0	0	0
06/07	73.2	5.5	0.00	0.0	0.0	0	0
06/08	77.2	5.5	0.03	1.0	72.6	1 Light	6 Light
06/09	71.3	11.8	0.84	12.5	65.5	63 Moderate	94 High
06/10	65.3	6.3	0.01	13.0	65.1	67 Moderate	98 High

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