

Colchester 2011 Black Rot - Grape From 2011-06-01 To 2011-06-17

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
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	83.3	62.3	6.5	2.02	Infection Risk
06/11	62.5	53.2	13.8	1.13	Infection Risk
06/12	63.1	52.1	8.0	1.58	Infection Risk
06/13	73.4	54.6	5.5	0.37	
06/14	64.7	52.7	15.0	1.03	Infection Risk
06/15	77.0	50.9	7.5	1.35	Infection Risk
06/16	81.6	51.2	6.3	0.44	
06/17	66.0	62.0	1.8	0.24	

Colchester 2011 Downy Mildew - Grape From 2011-06-01 To 2011-06-17

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
06/01	78.1	0.0		8.0	6.3	2.0	1	Primary 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	83.3	>min	0.01	6.5	6.8	0.5	3	High Risk of Infection
06/11	62.5	>min	0.67	13.8	9.0	0.0	1	Possible Infection
06/12	63.1	>min	1.42	8.0	11.5	0.0	1	Possible Infection
06/13	73.4	>min	0.24	5.5	6.5	0.0	1	Possible Infection
06/14	64.7	>min	0.87	15.0	13.0	0.0	1	Possible Infection
06/15	77.0	>min		7.5	6.5	0.0	1	Possible Infection
06/16	81.6	>min		6.3	3.3	0.0	1	Possible Infection
06/17	66.0	>min	0.26	1.8	0.5	0.0	1	Possible Infection

Colchester 2011 Powdery Mildew - Grape From 2011-06-01 To 2011-06-17

Date	Temperature		Hours	Hours	Wet	Ascospore	Conidial
	High	Mean	70-85	>95	Hours	Infection	Index
06/01	78.1	69.9	11.5	0.0	7.8		
06/02	73.1	64.5	3.5	0.0	1.5		
06/03	70.5	59.9	0.3	0.0	0.0		
06/04	74.3	59.6	5.3	0.0	2.3		
06/05	68.2	57.3	0.0	0.0	5.8		
06/06	79.6	67.0	10.8	0.0	1.5		
06/07	86.6	73.2	15.3	0.0	5.0		
06/08	89.5	77.2	5.5	0.0	4.5		
06/09	84.6	71.3	16.0	0.0	11.5		
06/10	83.3	71.6	12.3	0.0	6.5	Heavy	
06/11	62.5	58.3	0.0	0.0	13.5		
06/12	63.1	56.6	0.0	0.0	8.0	Heavy	
06/13	73.4	61.8	2.8	0.0	5.3		
06/14	64.7	56.8	0.0	0.0	15.0		
06/15	77.0	62.2	6.3	0.0	7.3	Heavy	
06/16	81.6	67.9	11.3	0.0	6.3		
06/17	66.0	64.4	0.0	0.0	1.8		

Colchester 2011 Phomopsis Cane+Leaf Spot - Grape From 2011-06-01 To 2011-06-17

Date	Temp	Wet	Rain-	Wet+	Wet	Disease Intensity	
	Mean	Hours	Fall	Rain	Temp	Catawba	Seyval
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	71.6	9.0	0.01	13.0	65.1	67 Moderate	98 High
06/11	58.3	15.8	0.67	17.0	56.9	84 Moderate	101 High
06/12	56.6	9.0	1.42	14.8	53.6	55 Moderate	70 Moderate
06/13	61.8	5.5	0.24	5.5	54.9	15 Light	28 Light
06/14	56.8	15.5	0.87	12.0	54.6	44 Moderate	61 Moderate
06/15	62.2	7.8	0.00	10.0	52.6	29 Light	43 Moderate
06/16	67.9	6.3	0.00	0.0	0.0	0	0
06/17	64.4	1.8	0.26	1.8	62.6	4 Light	12 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