

Colchester, CT Black Rot Risks in Grapes from 2009-05-31 To 2009-06-11

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
05/31	65.9	61.2	8.0	1.05	Infection Risk
06/01	64.1	58.4	1.3	0.17	
06/02	65.5	60.6	13.8	1.98	Infection Risk
06/03	65.1	61.8	14.5	4.04	Infection Risk
06/04	66.0	61.1	17.0	6.27	Infection Risk
06/05	65.3	61.1	24.0	9.40	Infection Risk
06/06	66.8	59.4	21.0	11.96	Infection Risk
06/07	69.2	62.9	15.5	14.22	Infection Risk
06/08	70.0	65.6	9.3	1.48	Infection Risk
06/09	69.0	62.2	23.5	3.50	Infection Risk
06/10	63.4	60.7	24.0	6.45	Infection Risk

Colchester, CT Downy Mildew Predicted Infection in Grapes From 2009-05-31 To 2009-06-11

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours >95%RH 43-86	Hours 66-77	Risk	Warning
05/31	65.9	0.0		8.0	0.0	0.0	0	Primary Infection
06/01	64.1	>min		1.3	0.0	0.0	0	
06/02	65.5	>min		13.8	0.0	0.0	0	
06/03	65.1	>min	0.01	14.5	0.0	0.0	0	
06/04	66.0	>min	0.21	17.0	6.0	0.0	1	Possible Infection
06/05	65.3	>min	0.30	24.0	14.8	0.0	1	Possible Infection
06/06	66.8	>min	0.01	21.0	8.3	1.3	3	High Risk of Infection
06/07	69.2	>min		15.5	4.3	1.0	3	High Risk of Infection
06/08	70.0	>min		9.3	0.0	0.0	0	
06/09	69.0	>min	0.52	23.5	13.5	0.0	1	Possible Infection
06/10	63.4	>min	0.03	24.0	16.8	0.0	1	Possible Infection

Colchester, CT Powdery Mildew Predicted Infection in Grapes From 2009-05-31 To 2009-06-11

Date	Temperature High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
05/31	65.9	63.7	0.0	0.0	4.8		
06/01	64.1	61.2	0.0	0.0	0.3		
06/02	65.5	62.6	0.0	0.0	8.3		
06/03	65.1	63.5	0.0	0.0	12.3		
06/04	66.0	63.3	0.0	0.0	12.8	Heavy	
06/05	65.3	62.6	0.0	0.0	24.0	Heavy	
06/06	66.8	62.3	0.0	0.0	15.5	Heavy	
06/07	69.2	65.7	0.0	0.0	6.8	Heavy	
06/08	70.0	67.7	0.8	0.0	3.8		
06/09	69.0	64.8	0.0	0.0	23.0	Heavy	
06/10	63.4	61.8	0.0	0.0	17.5	Heavy	
06/11	63.4	62.5	0.0	0.0	15.3	Heavy	

Colchester, CT Phomopsis Disease Intensity Predictions in Grapes From
 2009-05-31 To 2009-06-11

Date	Temp Mean	Wet Hours	Rain- Fall	Wet+ Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
05/31	63.7	19.5	0.00	0.0	0.0	0	0
06/01	61.2	13.8	0.00	0.0	0.0	0	0
06/02	62.6	24.0	0.00	0.0	0.0	0	0
06/03	63.5	24.0	0.01	4.0	64.2	13 Light	28 Light
06/04	63.3	24.0	0.21	28.0	63.4	202 High	212 High
06/05	62.6	24.0	0.30	52.0	63.0	489 High	401 High
06/06	62.3	24.0	0.01	76.0	62.8	841 High	592 High
06/07	65.7	24.0	0.00	100.0	63.5	1248 High	798 High
06/08	67.7	20.5	0.00	119.5	64.1	1611 High	969 High
06/09	64.8	24.0	0.52	16.8	63.7	97 High	125 High
06/10	61.8	24.0	0.03	40.8	62.6	344 High	308 High
06/11	62.5	19.8	0.00	61.0	62.6	613 High	469 High