

Griswold CT Black Rot - Grape From 2010-09-08 To 2010-09-22

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
09/08	84.6	60.4	4.0	0.69	
09/09	70.3	51.8	5.8	0.39	
09/10	69.9	55.1	2.8	0.22	
09/11	76.6	46.6	12.0	0.39	
09/12	66.5	45.9	7.5	0.69	
09/13	65.5	55.8	12.3	0.72	
09/14	78.9	47.4	10.5	1.04	Infection Risk
09/15	70.7	41.7	4.0	0.22	
09/16	69.8	37.2	7.0	0.90	
09/17	73.2	59.5	14.0	2.65	Infection Risk
09/18	68.4	50.4	12.5	0.92	
09/19	79.7	45.8	10.3	0.72	
09/20	71.4	50.0	6.3	1.34	Infection Risk
09/21	70.5	36.6	1.3	0.06	
09/22	64.1	59.8	7.0	0.94	

Griswold CT Botrytis - Grape From 2010-09-08 To 2010-09-22

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
09/08	84.6	60.4	4.0	1.5	0.00	
09/09	70.3	51.8	5.8	1.8	0.00	
09/10	69.9	55.1	2.8		0.00	
09/11	76.6	46.6	13.8	9.3	0.00	
09/12	66.5	45.9	11.0	8.5	0.00	
09/13	65.5	55.8	12.3	8.3	0.00	
09/14	78.9	47.4	10.8	8.5	0.00	
09/15	70.7	41.7	12.8	7.5	0.00	
09/16	69.8	37.2	11.5	7.0	0.00	
09/17	73.2	59.5	14.0	10.0	0.74	Moderate Infection Risk
09/18	68.4	50.4	12.5	10.5	0.00	
09/19	79.7	45.8	15.3	12.0	0.20	Low Infection Risk
09/20	71.4	50.0	6.3	5.3	0.00	
09/21	70.5	36.6	5.8	2.0	0.00	
09/22	64.1	59.8	7.0		0.00	

Griswold CT Downy Mildew - Grape From 2010-09-08 To 2010-09-22

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
09/08	84.6	0.0		4.0	1.0	1.0	1	Primary Infection
09/09	70.3	>min		5.8	0.5	0.0	1	Possible Infection
09/10	69.9	>min		2.8	0.0	0.0	0	
09/11	76.6	>min		13.8	7.3	0.0	1	Possible Infection
09/12	66.5	>min		11.0	8.3	0.0	1	Possible Infection
09/13	65.5	>min		12.3	3.8	0.0	1	Possible Infection
09/14	78.9	>min		10.8	8.3	0.0	1	Possible Infection
09/15	70.7	>min		10.5	4.5	0.0	1	Possible Infection
09/16	69.8	>min	0.49	8.3	1.0	0.3	1	Possible Infection
09/17	73.2	>min	0.26	14.0	8.3	4.3	3	High Risk of Infection
09/18	68.4	>min		12.5	8.5	0.0	1	Possible Infection
09/19	79.7	>min		15.3	11.8	0.0	1	Possible Infection
09/20	71.4	>min		6.3	5.0	0.0	1	Possible Infection
09/21	70.5	>min		3.0	0.3	0.0	0	
09/22	64.1	>min		7.0	0.0	0.0	0	

Griswold CT Powdery Mildew - Grape From 2010-09-08 To 2010-09-22

Date	Temperature High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
09/08	84.6	72.6	14.8	0.0	2.8		
09/09	70.3	62.3	0.3	0.0	5.8		
09/10	69.9	61.7	0.0	0.0	1.8		
09/11	76.6	60.6	7.3	0.0	13.8		
09/12	66.5	57.2	0.0	0.0	10.8		
09/13	65.5	59.7	0.0	0.0	12.0		
09/14	78.9	63.5	8.5	0.0	10.8		
09/15	70.7	55.2	0.3	0.0	12.5		
09/16	69.8	56.6	0.0	0.0	15.0		
09/17	73.2	65.7	4.5	0.0	14.0	Heavy	
09/18	68.4	60.3	0.0	0.0	12.0		
09/19	79.7	61.5	7.0	0.0	15.3		
09/20	71.4	61.8	3.5	0.0	6.3		
09/21	70.5	55.5	0.3	0.0	9.5		
09/22	64.1	62.6	0.0	0.0	7.0		

Griswold CT Phomopsis Cane+Leaf Spot - Grape From 2010-09-08 To 2010-09-22

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
09/08	72.6	8.0	0.00	0.0	0.0	0	0
09/09	62.3	6.0	0.00	0.0	0.0	0	0
09/10	61.7	3.8	0.00	0.0	0.0	0	0
09/11	60.6	13.8	0.00	0.0	0.0	0	0
09/12	57.2	13.8	0.00	0.0	0.0	0	0
09/13	59.7	12.8	0.00	0.0	0.0	0	0
09/14	63.5	11.3	0.00	0.0	0.0	0	0
09/15	55.2	12.8	0.00	0.0	0.0	0	0
09/16	56.6	11.8	0.49	4.5	65.9	15 Light	33 Moderate
09/17	65.7	14.8	0.26	15.8	66.4	87 Moderate	120 High
09/18	60.3	13.3	0.00	0.0	0.0	0	0
09/19	61.5	15.3	0.00	0.0	0.0	0	0
09/20	61.8	6.3	0.00	0.0	0.0	0	0
09/21	55.5	5.3	0.00	0.0	0.0	0	0
09/22	62.6	7.0	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