

Griswold CT Black Rot - Grape From 2010-09-15 To 2010-09-29

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
09/15	70.7	41.7	4.0	0.12	
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	80.7	59.8	11.8	0.94	
09/23	79.3	57.0	15.8	2.24	Infection Risk
09/24	76.0	56.2	14.8	1.49	Infection Risk
09/25	85.3	62.6	11.3	2.39	Infection Risk
09/26	73.4	53.7	8.3	1.16	Infection Risk
09/27	68.4	59.5	17.5	2.33	Infection Risk
09/28	74.2	69.4	22.0	6.15	Infection Risk
09/29	70.8	68.2	7.0	7.36	Infection Risk

Griswold CT Botrytis - Grape From 2010-09-15 To 2010-09-29

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
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	80.7	59.8	11.8	3.0	0.19	Low Infection Risk
09/23	79.3	57.0	15.8	10.0	0.92	Moderate Infection Risk
09/24	76.0	56.2	14.8	12.8	0.72	Moderate Infection Risk
09/25	85.3	62.6	11.3	0.8	0.17	Low Infection Risk
09/26	73.4	53.7	8.3	5.8	0.00	
09/27	68.4	59.5	17.5	13.3	1.52	High Infection Risk
09/28	74.2	69.4	22.0	16.3	2.84	High Infection Risk
09/29	70.8	68.2	7.0	5.5	0.00	

Griswold CT Downy Mildew - Grape From 2010-09-15 To 2010-09-29

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
09/15	70.7	0.0		10.5	4.5	0.0	1	Primary 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	80.7	>min	0.03	11.8	1.5	1.5	3	High Risk of Infection
09/23	79.3	>min		15.8	9.0	1.8	3	High Risk of Infection
09/24	76.0	>min		14.8	10.5	3.3	3	High Risk of Infection
09/25	85.3	>min		11.3	0.0	0.0	0	
09/26	73.4	>min		8.3	4.5	0.0	1	Possible Infection
09/27	68.4	>min	0.01	17.5	10.0	2.3	3	High Risk of Infection
09/28	74.2	>min	1.62	22.0	13.0	13.0	3	High Risk of Infection
09/29	70.8	>min		7.0	1.0	1.0	3	High Risk of Infection

Griswold CT Powdery Mildew - Grape From 2010-09-15 To 2010-09-29

Date	Temperature High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
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	80.7	70.0	10.0	0.0	11.5		
09/23	79.3	66.1	7.0	0.0	15.3	Heavy	
09/24	76.0	67.3	9.3	0.0	14.5	Heavy	60 Heavy
09/25	85.3	74.8	17.8	0.0	10.8	Heavy	80 Heavy
09/26	73.4	62.9	5.3	0.0	8.3		70 Heavy
09/27	68.4	63.3	0.0	0.0	16.8	Heavy	60 Heavy
09/28	74.2	71.5	22.8	0.0	20.5	Heavy	80 Heavy
09/29	70.8	69.6	2.8	0.0	7.0	Heavy	70 Heavy

Griswold CT Phomopsis Cane+Leaf Spot - Grape From 2010-09-15 To 2010-09-29

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
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	70.0	12.5	0.03	1.5	68.4	3 Light	10 Light
09/23	66.1	15.8	0.00	12.0	64.2	60 Moderate	89 Moderate
09/24	67.3	15.5	0.00	0.0	0.0	0	0
09/25	74.8	12.0	0.00	0.0	0.0	0	0
09/26	62.9	8.5	0.00	0.0	0.0	0	0
09/27	63.3	23.0	0.01	5.5	61.1	19 Light	37 Moderate
09/28	71.5	23.0	1.62	32.0	71.5	206 High	242 High
09/29	69.6	7.0	0.00	29.0	70.9	184 High	221 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