

Griswold CT Black Rot - Grape From 2010-08-05 To 2010-08-19

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
08/05	88.5	70.0	13.8	2.16	Infection Risk
08/06	86.0	59.9	9.0	3.66	Infection Risk
08/07	79.4	51.9	10.8	0.50	
08/08	84.5	58.1	12.0	1.37	Infection Risk
08/09	88.6	68.9	7.3	1.89	Infection Risk
08/10	90.0	69.7	9.5	0.94	
08/11	88.9	65.0	11.8	2.01	Infection Risk
08/12	81.4	60.8	8.0	1.68	Infection Risk
08/13	81.7	55.2	4.0	0.40	
08/14	80.1	49.3	13.0	0.95	
08/15	77.7	50.7	8.3	0.91	
08/16	78.7	66.7	13.0	2.19	Infection Risk
08/17	90.2	68.7	12.0	3.51	Infection Risk
08/18	83.3	61.5	11.3	1.92	Infection Risk
08/19	71.8	54.0	8.8	1.29	Infection Risk

Griswold CT Botrytis - Grape From 2010-08-05 To 2010-08-19

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
08/05	88.5	70.0	13.8	10.8	0.85	Moderate Infection Risk
08/06	86.0	59.9	9.0	7.8	0.00	
08/07	79.4	51.9	10.8	3.3	0.00	
08/08	84.5	58.1	12.0	10.0	0.06	Low Infection Risk
08/09	88.6	68.9	7.3	7.0	0.00	
08/10	90.0	69.7	9.5	2.5	0.00	
08/11	88.9	65.0	11.8	8.0	0.30	Low Infection Risk
08/12	81.4	60.8	8.0	7.0	0.00	
08/13	81.7	55.2	4.0	1.5	0.00	
08/14	80.1	49.3	13.0	9.3	0.00	
08/15	77.7	50.7	8.3	7.0	0.00	
08/16	78.7	66.7	13.0	5.8	0.70	Moderate Infection Risk
08/17	90.2	68.7	12.0	6.0	0.22	Low Infection Risk
08/18	83.3	61.5	11.3	8.3	0.18	Low Infection Risk
08/19	71.8	54.0	8.8	7.5	0.00	

Griswold CT Downy Mildew - Grape From 2010-08-05 To 2010-08-19

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
08/05	88.5	0.0	0.32	13.8	7.8	7.8	1	Primary Infection
08/06	86.0	>min		9.0	7.8	7.8	3	High Risk of Infection
08/07	79.4	>min		10.8	1.3	0.0	1	Possible Infection
08/08	84.5	>min		12.0	8.3	0.8	3	High Risk of Infection
08/09	88.6	>min		7.3	6.3	6.3	3	High Risk of Infection
08/10	90.0	>min	0.02	9.5	2.0	2.0	3	High Risk of Infection
08/11	88.9	>min		11.8	6.8	6.0	3	High Risk of Infection
08/12	81.4	>min		8.0	5.3	0.0	1	Possible Infection
08/13	81.7	>min		4.0	1.0	0.0	1	Possible Infection
08/14	80.1	>min		13.0	8.3	0.0	1	Possible Infection
08/15	77.7	>min		8.3	6.0	0.0	1	Possible Infection
08/16	78.7	>min	0.20	13.0	5.0	5.0	3	High Risk of Infection
08/17	90.2	>min		12.0	2.8	2.8	3	High Risk of Infection
08/18	83.3	>min		11.3	7.3	2.3	3	High Risk of Infection
08/19	71.8	>min		8.8	7.5	0.0	1	Possible Infection

Griswold CT Powdery Mildew - Grape From 2010-08-05 To 2010-08-19

Date	Temperature High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
08/05	88.5	77.6	22.8	0.0	12.0		
08/06	86.0	74.4	12.5	0.0	8.8	Heavy	
08/07	79.4	66.5	10.0	0.0	10.8		60 Heavy
08/08	84.5	71.7	13.0	0.0	12.0		80 Heavy
08/09	88.6	78.6	19.5	0.0	7.0		100 Heavy
08/10	90.0	78.5	5.8	0.0	9.0		90 Heavy
08/11	88.9	75.7	6.5	0.0	11.5		100 Heavy
08/12	81.4	70.3	11.3	0.0	8.0		100 Heavy
08/13	81.7	70.0	11.0	0.0	4.0		100 Heavy
08/14	80.1	64.5	10.3	0.0	12.8		100 Heavy
08/15	77.7	65.9	10.8	0.0	8.0		100 Heavy
08/16	78.7	72.6	13.8	0.0	11.3		100 Heavy
08/17	90.2	78.3	18.0	0.0	9.3		100 Heavy
08/18	83.3	71.1	11.0	0.0	11.3		100 Heavy
08/19	71.8	59.4	0.5	0.0	8.3		90 Heavy

Griswold CT Phomopsis Cane+Leaf Spot - Grape From 2010-08-05 To 2010-08-19

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
08/05	77.6	17.8	0.32	4.5	78.9	7 Light	24 Light
08/06	74.4	9.3	0.00	0.0	0.0	0	0
08/07	66.5	11.0	0.00	0.0	0.0	0	0
08/08	71.7	12.5	0.00	0.0	0.0	0	0
08/09	78.6	7.5	0.00	0.0	0.0	0	0
08/10	78.5	10.5	0.02	3.3	72.5	7 Light	22 Light
08/11	75.7	12.0	0.00	0.0	0.0	0	0
08/12	70.3	8.3	0.00	0.0	0.0	0	0
08/13	70.0	4.3	0.00	0.0	0.0	0	0
08/14	64.5	13.0	0.00	0.0	0.0	0	0
08/15	65.9	11.0	0.00	0.0	0.0	0	0
08/16	72.6	16.0	0.20	7.3	69.1	27 Light	53 Moderate
08/17	78.3	12.8	0.00	0.0	0.0	0	0
08/18	71.1	13.0	0.00	0.0	0.0	0	0
08/19	59.4	9.0	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