

Griswold CT Black Rot - Grape From 2010-07-28 To 2010-08-10

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
07/28	85.6	58.3	8.8	1.06	Infection Risk
07/29	87.4	63.2	4.8	0.59	
07/30	82.6	55.1	11.5	1.36	Infection Risk
07/31	82.5	53.1	12.0	1.23	Infection Risk
08/01	80.0	54.5	11.8	1.29	Infection Risk
08/02	79.8	55.3	7.8	0.99	
08/03	81.9	61.8	7.3	1.11	Infection Risk
08/04	86.0	72.1		0.00	
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	

Griswold CT Botrytis - Grape From 2010-07-28 To 2010-08-10

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
07/28	85.6	58.3	8.8	7.3	0.00	
07/29	87.4	63.2	4.8	1.0	0.00	
07/30	82.6	55.1	11.5	6.3	0.00	
07/31	82.5	53.1	12.0	7.5	0.00	
08/01	80.0	54.5	11.8	7.3	0.00	
08/02	79.8	55.3	7.8	5.8	0.00	
08/03	81.9	61.8	7.3	5.3	0.00	
08/04	86.0	72.1			0.00	
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	

Griswold CT Downy Mildew - Grape From 2010-07-28 To 2010-08-10

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours >95%RH 43-86	66-77	Risk	Warning
07/28	85.6	0.0		8.8	7.0	0.0	1	Primary Infection
07/29	87.4	>min		4.8	0.5	0.0	1	Possible Infection
07/30	82.6	>min		11.5	3.8	0.0	1	Possible Infection
07/31	82.5	>min		12.0	7.0	0.0	1	Possible Infection
08/01	80.0	>min		11.8	7.0	0.0	1	Possible Infection
08/02	79.8	>min		7.8	5.0	0.0	1	Possible Infection
08/03	81.9	>min		7.3	4.8	0.5	3	High Risk of Infection
08/04	86.0	>min			0.0	0.0	0	
08/05	88.5	>min	0.32	13.8	7.8	7.8	3	High Risk of 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

Griswold CT Powdery Mildew - Grape From 2010-07-28 To 2010-08-10

Date	Temperature High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
07/28	85.6	74.0	15.5	0.0	8.8		
07/29	87.4	77.3	13.0	0.0	4.0		
07/30	82.6	69.0	11.5	0.0	11.5		60 Heavy
07/31	82.5	67.3	10.5	0.0	11.8		80 Heavy
08/01	80.0	67.0	11.3	0.0	11.8		100 Heavy
08/02	79.8	68.6	11.8	0.0	7.5		100 Heavy
08/03	81.9	72.6	17.0	0.0	7.3		100 Heavy
08/04	86.0	78.0	23.8	0.0	0.0		100 Heavy
08/05	88.5	77.6	22.8	0.0	12.0		100 Heavy
08/06	86.0	74.4	12.5	0.0	8.8	Heavy	100 Heavy
08/07	79.4	66.5	10.0	0.0	10.8		100 Heavy
08/08	84.5	71.7	13.0	0.0	12.0		100 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

Griswold CT Phomopsis Cane+Leaf Spot - Grape From 2010-07-28 To 2010-08-10

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
07/28	74.0	8.8	0.00	0.0	0.0	0	0
07/29	77.3	5.5	0.00	0.0	0.0	0	0
07/30	69.0	11.8	0.00	0.0	0.0	0	0
07/31	67.3	12.3	0.00	0.0	0.0	0	0
08/01	67.0	12.3	0.00	0.0	0.0	0	0
08/02	68.6	8.8	0.00	0.0	0.0	0	0
08/03	72.6	9.0	0.00	0.0	0.0	0	0
08/04	78.0	3.0	0.00	0.0	0.0	0	0
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

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