

Griswold CT Black Rot - Grape From 2010-08-15 To 2010-09-01

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
08/15	77.7	50.7	8.3	0.53	
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	90.3	54.0	9.0	1.29	Infection Risk
08/20	86.7	57.8	6.3	0.76	
08/21	80.8	50.7	7.8	0.56	
08/22	70.6	63.2	23.8	4.02	Infection Risk
08/23	68.5	61.2	24.0	7.54	Infection Risk
08/24	67.0	61.1	19.0	10.09	Infection Risk
08/25	73.2	62.3	17.0	12.61	Infection Risk
08/26	82.3	60.3	10.8	13.99	Infection Risk
08/27	78.8	51.2	13.3	0.76	
08/28	81.6	48.8	14.3	0.93	
08/29	92.1	55.2	14.3	1.52	Infection Risk
08/30	90.1	55.1	14.5	1.78	Infection Risk
08/31	94.5	60.2	14.3	2.00	Infection Risk
09/01	93.0	63.7	9.5	2.31	Infection Risk

Griswold CT Botrytis - Grape From 2010-08-15 To 2010-09-01

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
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	90.3	54.0	9.0	7.5	0.00	
08/20	86.7	57.8	6.3	4.8	0.00	
08/21	80.8	50.7	7.8	3.3	0.00	
08/22	70.6	63.2	23.8	21.5	3.32	High Infection Risk
08/23	68.5	61.2	24.0	23.8	3.19	High Infection Risk
08/24	67.0	61.1	19.0	16.0	1.87	High Infection Risk
08/25	73.2	62.3	17.0	14.5	1.57	High Infection Risk
08/26	82.3	60.3	10.8	9.0	0.00	
08/27	78.8	51.2	13.3	7.0	0.00	
08/28	81.6	48.8	14.3	10.5	0.00	
08/29	92.1	55.2	14.3	11.3	0.39	Low Infection Risk
08/30	90.1	55.1	14.5	11.8	0.55	Moderate Infection Risk
08/31	94.5	60.2	14.3	11.5	0.68	Moderate Infection Risk
09/01	93.0	63.7	9.5	8.3	0.00	

Griswold CT Downy Mildew - Grape From 2010-08-15 To 2010-09-01

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
08/15	77.7	0.0		8.3	6.0	0.0	1	Primary 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	90.3	>min		9.0	7.5	0.0	1	Possible Infection
08/20	86.7	>min		6.3	3.8	0.0	1	Possible Infection
08/21	80.8	>min		7.8	2.8	0.0	1	Possible Infection
08/22	70.6	>min	1.93	23.8	17.0	16.8	3	High Risk of Infection
08/23	68.5	>min	0.19	24.0	23.3	6.0	3	High Risk of Infection
08/24	67.0	>min	0.06	19.0	11.3	0.0	1	Possible Infection
08/25	73.2	>min	0.07	17.0	14.0	1.3	3	High Risk of Infection
08/26	82.3	>min	0.02	10.8	8.8	1.0	3	High Risk of Infection
08/27	78.8	>min		13.3	6.0	0.0	1	Possible Infection
08/28	81.6	>min		14.3	9.5	0.0	1	Possible Infection
08/29	92.1	>min		14.3	10.8	1.3	3	High Risk of Infection
08/30	90.1	>min		14.5	11.3	1.8	3	High Risk of Infection
08/31	94.5	>min		14.3	10.8	3.0	3	High Risk of Infection
09/01	93.0	>min		9.5	8.3	4.3	3	High Risk of Infection

Griswold CT Powdery Mildew - Grape From 2010-08-15 To 2010-09-01

Date	Temperature High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
08/15	77.7	65.9	10.8	0.0	8.0		
08/16	78.7	72.6	13.8	0.0	11.3		
08/17	90.2	78.3	18.0	0.0	9.3		60 Heavy
08/18	83.3	71.1	11.0	0.0	11.3		80 Heavy
08/19	90.3	71.9	3.5	0.0	8.5		70 Heavy
08/20	86.7	71.9	6.0	0.0	6.0		90 Heavy
08/21	80.8	66.6	9.8	0.0	7.5		100 Heavy
08/22	70.6	68.3	1.3	0.0	23.5	Heavy	90 Heavy
08/23	68.5	64.7	0.0	0.0	24.0	Heavy	80 Heavy
08/24	67.0	63.6	0.0	0.0	19.0	Heavy	70 Heavy
08/25	73.2	66.7	4.3	0.0	16.8	Heavy	60 Heavy
08/26	82.3	69.9	10.5	0.0	10.8	Heavy	80 Heavy
08/27	78.8	64.3	9.3	0.0	13.0		100 Heavy
08/28	81.6	64.6	9.0	0.0	14.3		100 Heavy
08/29	92.1	72.0	3.0	0.0	14.3	Heavy	90 Heavy
08/30	90.1	72.0	2.5	0.0	14.5	Heavy	80 Heavy
08/31	94.5	76.4	5.0	0.0	14.3	Heavy	70 Heavy
09/01	93.0	73.4	5.0	0.0	9.5	Heavy	60 Heavy

Griswold CT Phomopsis Cane+Leaf Spot - Grape From 2010-08-15 To 2010-09-01

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
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	71.9	10.0	0.00	0.0	0.0	0	0
08/20	71.9	8.5	0.00	0.0	0.0	0	0
08/21	66.6	7.8	0.00	0.0	0.0	0	0
08/22	68.3	23.8	1.93	16.5	69.1	88 Moderate	125 High
08/23	64.7	24.0	0.19	40.5	66.5	336 High	321 High
08/24	63.6	20.0	0.06	59.3	65.4	587 High	474 High
08/25	66.7	17.5	0.07	19.5	64.4	120 High	148 High
08/26	69.9	11.8	0.02	4.3	69.6	12 Light	30 Moderate
08/27	64.3	13.3	0.00	0.0	0.0	0	0
08/28	64.6	14.3	0.00	0.0	0.0	0	0
08/29	72.0	14.3	0.00	0.0	0.0	0	0
08/30	72.0	14.5	0.00	0.0	0.0	0	0
08/31	76.4	14.3	0.00	0.0	0.0	0	0
09/01	73.4	9.5	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