

Griswold CT Black Rot - Grape From 2010-08-24 To 2010-09-08

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
08/24	67.0	61.1	19.0	2.55	Infection Risk
08/25	73.2	62.3	17.0	5.07	Infection Risk
08/26	82.3	60.3	10.8	6.45	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	94.3	63.7	14.3	2.31	Infection Risk
09/02	90.8	64.2	13.3	2.20	Infection Risk
09/03	82.6	65.7	21.3	4.19	Infection Risk
09/04	79.8	64.0	8.5	5.65	Infection Risk
09/05	73.1	50.4	7.8	0.34	
09/06	75.5	44.6	9.8	0.70	
09/07	80.9	56.7	10.0	1.39	Infection Risk
09/08	71.8	66.4	4.0	0.90	

Griswold CT Botrytis - Grape From 2010-08-24 To 2010-09-08

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
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	94.3	63.7	14.3	9.0	0.83	Moderate Infection Risk
09/02	90.8	64.2	13.3	7.8	0.63	Moderate Infection Risk
09/03	82.6	65.7	21.3	18.5	2.43	High Infection Risk
09/04	79.8	64.0	8.5	6.3	0.00	
09/05	73.1	50.4	7.8	2.8	0.00	
09/06	75.5	44.6	15.3	10.5	0.03	Low Infection Risk
09/07	80.9	56.7	10.0	8.0	0.00	
09/08	71.8	66.4	4.0	1.5	0.00	

Griswold CT Downy Mildew - Grape From 2010-08-24 To 2010-09-08

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
08/24	67.0	0.0	0.06	19.0	11.3	0.0	1	Primary 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	94.3	>min		14.3	8.3	4.3	3	High Risk of Infection
09/02	90.8	>min		13.3	7.8	4.5	3	High Risk of Infection
09/03	82.6	>min	1.37	21.3	15.8	14.8	3	High Risk of Infection
09/04	79.8	>min	0.01	8.5	5.3	5.3	3	High Risk of Infection
09/05	73.1	>min		7.8	1.5	0.0	1	Possible Infection
09/06	75.5	>min		15.3	9.5	0.0	1	Possible Infection
09/07	80.9	>min		10.0	7.8	0.3	1	Possible Infection
09/08	71.8	>min		4.0	1.0	1.0	3	High Risk of Infection

Griswold CT Powdery Mildew - Grape From 2010-08-24 To 2010-09-08

Date	Temperature High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
08/24	67.0	63.6	0.0	0.0	19.0	Heavy	
08/25	73.2	66.7	4.3	0.0	16.8	Heavy	
08/26	82.3	69.9	10.5	0.0	10.8	Heavy	
08/27	78.8	64.3	9.3	0.0	13.0		
08/28	81.6	64.6	9.0	0.0	14.3		60 Heavy
08/29	92.1	72.0	3.0	0.0	14.3	Heavy	50 Medium
08/30	90.1	72.0	2.5	0.0	14.5	Heavy	40 Medium
08/31	94.5	76.4	5.0	0.0	14.3	Heavy	30 Light
09/01	94.3	77.6	5.0	0.0	14.3	Heavy	20 Light
09/02	90.8	76.7	8.3	0.0	13.0	Heavy	40 Medium
09/03	82.6	72.9	15.8	0.0	21.3	Heavy	60 Heavy
09/04	79.8	72.9	17.5	0.0	8.5	Heavy	80 Heavy
09/05	73.1	62.4	7.3	0.0	7.8		100 Heavy
09/06	75.5	60.3	8.0	0.0	15.0		100 Heavy
09/07	80.9	69.5	11.8	0.0	9.5	Heavy	100 Heavy
09/08	71.8	69.4	2.8	0.0	2.8		90 Heavy

Griswold CT Phomopsis Cane+Leaf Spot - Grape From 2010-08-24 To 2010-09-08

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
08/24	63.6	20.0	0.06	15.5	63.3	87 Moderate	114 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	77.6	14.5	0.00	0.0	0.0	0	0
09/02	76.7	13.5	0.00	0.0	0.0	0	0
09/03	72.9	21.3	1.37	12.3	75.4	42 Moderate	80 Moderate
09/04	72.9	8.8	0.01	21.0	73.9	99 High	147 High
09/05	62.4	7.8	0.00	0.0	0.0	0	0
09/06	60.3	15.5	0.00	0.0	0.0	0	0
09/07	69.5	12.3	0.00	0.0	0.0	0	0
09/08	69.4	7.5	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