

Griswold CT Black Rot - Grape From 2010-07-07 To 2010-07-22

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
07/07	93.5	72.4	13.0	1.13	Infection Risk
07/08	87.4	71.2	8.5	2.07	Infection Risk
07/09	86.6	70.0	8.5	1.45	Infection Risk
07/10	85.6	69.6	9.8	1.94	Infection Risk
07/11	90.8	65.9	10.0	3.19	Infection Risk
07/12	86.3	65.4	11.5	1.80	Infection Risk
07/13	87.4	72.9	14.8	1.76	Infection Risk
07/14	80.6	70.3	19.3	4.32	Infection Risk
07/15	81.0	68.4	12.0	5.67	Infection Risk
07/16	87.4	66.3	10.5	1.99	Infection Risk
07/17	91.2	70.5	7.0	1.68	Infection Risk
07/18	92.3	67.2	8.0	0.77	
07/19	81.7	61.8	15.0	2.97	Infection Risk
07/20	85.1	66.7	12.8	4.41	Infection Risk
07/21	87.3	67.2	15.0	2.21	Infection Risk
07/22	83.6	66.6	8.0	2.45	Infection Risk

Griswold CT Botrytis - Grape From 2010-07-07 To 2010-07-22

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
07/07	93.5	72.4	13.0	10.8	0.34	Low Infection Risk
07/08	87.4	71.2	8.5	7.3	0.00	
07/09	86.6	70.0	8.5	8.0	0.00	
07/10	85.6	69.6	9.8	7.3	0.00	
07/11	90.8	65.9	10.0	8.0	0.00	
07/12	86.3	65.4	11.5	8.5	0.19	Low Infection Risk
07/13	87.4	72.9	14.8	12.3	0.90	Moderate Infection Risk
07/14	80.6	70.3	19.3	13.8	1.84	High Infection Risk
07/15	81.0	68.4	12.0	8.8	0.34	Low Infection Risk
07/16	87.4	66.3	10.5	9.5	0.00	
07/17	91.2	70.5	7.0	6.3	0.00	
07/18	92.3	67.2	8.0	3.8	0.00	
07/19	81.7	61.8	15.0	13.0	1.03	High Infection Risk
07/20	85.1	66.7	12.8	10.3	0.53	Moderate Infection Risk
07/21	87.3	67.2	15.0	14.8	1.18	High Infection Risk
07/22	83.6	66.6	8.0	7.0	0.00	

Griswold CT Downy Mildew - Grape From 2010-07-07 To 2010-07-22

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
07/07	93.5	0.0	0.10	13.0	10.0	9.8	1	Primary Infection
07/08	87.4	>min		8.5	6.0	6.0	3	High Risk of Infection
07/09	86.6	>min		8.5	5.8	5.8	3	High Risk of Infection
07/10	85.6	>min	0.01	9.8	4.0	4.0	3	High Risk of Infection
07/11	90.8	>min		10.0	7.3	6.8	3	High Risk of Infection
07/12	86.3	>min		11.5	7.8	6.8	3	High Risk of Infection
07/13	87.4	>min	0.27	14.8	9.3	9.3	3	High Risk of Infection
07/14	80.6	>min	0.17	19.3	10.5	9.8	3	High Risk of Infection
07/15	81.0	>min		12.0	6.3	6.3	3	High Risk of Infection
07/16	87.4	>min		10.5	8.5	8.5	3	High Risk of Infection
07/17	91.2	>min		7.0	6.3	6.3	3	High Risk of Infection
07/18	92.3	>min		8.0	2.3	2.3	3	High Risk of Infection
07/19	81.7	>min	1.05	15.0	11.5	6.0	3	High Risk of Infection
07/20	85.1	>min		12.8	9.5	9.5	3	High Risk of Infection
07/21	87.3	>min	0.58	15.0	13.3	13.3	3	High Risk of Infection
07/22	83.6	>min	0.01	8.0	6.8	6.8	3	High Risk of Infection

Griswold CT Powdery Mildew - Grape From 2010-07-07 To 2010-07-22

Date	Temperature High	Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
07/07	93.5	80.2	17.8	0.0	12.8		
07/08	87.4	78.5	19.8	0.0	8.3		
07/09	86.6	77.8	23.0	0.0	8.0		60 Heavy
07/10	85.6	76.2	23.3	0.0	9.3		80 Heavy
07/11	90.8	77.2	5.3	0.0	9.8		70 Heavy
07/12	86.3	76.0	13.5	0.0	11.5		90 Heavy
07/13	87.4	77.1	21.8	0.0	14.8		100 Heavy
07/14	80.6	75.4	24.0	0.0	17.5	Heavy	100 Heavy
07/15	81.0	73.4	16.0	0.0	11.8	Heavy	100 Heavy
07/16	87.4	76.3	14.3	0.0	10.5		100 Heavy
07/17	91.2	80.5	10.3	0.0	7.0		100 Heavy
07/18	92.3	79.8	8.8	0.0	8.0		100 Heavy
07/19	81.7	72.1	14.3	0.0	15.0	Heavy	100 Heavy
07/20	85.1	75.9	17.5	0.0	12.8	Heavy	100 Heavy
07/21	87.3	74.4	5.3	0.0	15.0	Heavy	90 Heavy
07/22	83.6	72.7	11.0	0.0	8.0	Heavy	100 Heavy

Griswold CT Phomopsis Cane+Leaf Spot - Grape From 2010-07-07 To 2010-07-22

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
07/07	80.2	13.5	0.10	2.0	80.4	2 Light	9 Light
07/08	78.5	9.0	0.00	0.0	0.0	0	0
07/09	77.8	10.3	0.00	0.0	0.0	0	0
07/10	76.2	11.3	0.01	0.0	0.0	0	0
07/11	77.2	10.8	0.00	0.0	0.0	0	0
07/12	76.0	11.8	0.00	0.0	0.0	0	0
07/13	77.1	15.0	0.27	7.5	73.9	23 Light	51 Moderate
07/14	75.4	21.0	0.17	39.8	75.1	229 High	275 High
07/15	73.4	13.0	0.00	0.0	0.0	0	0
07/16	76.3	11.5	0.00	0.0	0.0	0	0
07/17	80.5	7.3	0.00	0.0	0.0	0	0
07/18	79.8	8.0	0.00	0.0	0.0	0	0
07/19	72.1	15.8	1.05	3.5	69.7	9 Light	25 Light
07/20	75.9	12.8	0.00	0.0	0.0	0	0
07/21	74.4	15.3	0.58	6.3	70.6	21 Light	45 Moderate
07/22	72.7	8.0	0.01	14.3	69.5	70 Moderate	107 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