

Griswold, CT Black Rot - Grape From 2009-08-01 To 2009-08-28

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
08/01	86.4	61.9	15.8	2.45	Infection Risk
08/02	77.9	60.8	18.8	5.50	Infection Risk
08/03	86.2	64.7	14.8	7.91	Infection Risk
08/04	85.5	62.4	13.3	9.35	Infection Risk
08/05	86.9	69.6	10.0	2.21	Infection Risk
08/06	77.3	59.8	9.8	0.80	
08/07	80.6	53.6	13.3	1.49	Infection Risk
08/08	76.9	49.3	13.8	1.17	Infection Risk
08/09	73.3	50.9	14.3	1.00	Infection Risk
08/10	90.8	67.7	14.8	3.35	Infection Risk
08/11	90.2	71.3	15.3	5.80	Infection Risk
08/12	80.3	66.2	13.5	7.41	Infection Risk
08/13	71.8	59.7	24.0	4.61	Infection Risk
08/14	85.5	56.7	15.5	6.56	Infection Risk
08/15	86.7	58.9	16.0	8.78	Infection Risk
08/16	89.5	62.7	17.0	11.39	Infection Risk
08/17	92.3	68.2	18.0	14.22	Infection Risk
08/18	90.7	62.6	15.0	15.82	Infection Risk
08/19	88.7	68.7	14.0	2.16	Infection Risk
08/20	88.4	65.8	16.0	3.29	Infection Risk
08/21	89.8	75.4	20.0	6.05	Infection Risk
08/22	86.8	72.5	19.0	8.72	Infection Risk
08/23	88.6	70.0	15.0	10.42	Infection Risk
08/24	86.7	64.3	16.3	3.45	Infection Risk
08/25	85.4	60.9	14.5	4.78	Infection Risk
08/26	86.5	66.8	14.0	2.42	Infection Risk
08/27	78.7	54.8	12.8	1.78	Infection Risk

Griswold, CT Botrytis - Grape From 2009-08-01 To 2009-08-28

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
08/01	86.4	61.9	15.8	11.3	1.35	High Infection Risk
08/02	77.9	60.8	18.8	14.0	1.99	High Infection Risk
08/03	86.2	64.7	14.8	10.5	1.08	High Infection Risk
08/04	85.5	62.4	13.3	8.0	0.68	Moderate Infection Risk
08/05	86.9	69.6	10.0	1.8	0.00	
08/06	77.3	59.8	9.8	3.0	0.00	
08/07	80.6	53.6	13.3	8.8	0.05	Low Infection Risk
08/08	76.9	49.3	13.8	9.3	0.00	
08/09	73.3	50.9	14.3	7.8	0.18	Low Infection Risk
08/10	90.8	67.7	14.8	8.5	1.03	High Infection Risk
08/11	90.2	71.3	15.3	8.0	1.00	High Infection Risk
08/12	80.3	66.2	13.5	8.3	0.81	Moderate Infection Risk
08/13	71.8	59.7	24.0	15.5	3.33	High Infection Risk
08/14	85.5	56.7	15.5	11.8	1.06	High Infection Risk
08/15	86.7	58.9	16.0	10.5	1.09	High Infection Risk
08/16	89.5	62.7	17.0	11.5	1.29	High Infection Risk
08/17	92.3	68.2	18.8	11.3	1.69	High Infection Risk
08/18	90.7	62.6	15.0	8.0	0.85	Moderate Infection Risk
08/19	88.7	68.7	14.0	6.8	0.75	Moderate Infection Risk
08/20	88.4	65.8	16.0	9.8	1.07	High Infection Risk
08/21	89.8	75.4	20.0	8.3	1.93	High Infection Risk
08/22	86.8	72.5	19.0	1.3	1.72	High Infection Risk
08/23	88.6	70.0	15.0	2.0	1.04	High Infection Risk

08/24	86.7	64.3	16.3	11.5	1.39	High Infection Risk
08/25	85.4	60.9	14.5	11.0	0.90	Moderate Infection Risk
08/26	86.5	66.8	14.0	6.0	0.82	Moderate Infection Risk
08/27	78.7	54.8	12.8		0.08	Low Infection Risk

Griswold, CT Downy Mildew - Grape From 2009-08-01 To 2009-08-28

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
08/01	86.4	0.0		15.8	10.5	4.8	1	Primary Infection
08/02	77.9	>min		18.8	11.0	7.8	3	High Risk of Infection
08/03	86.2	>min		14.8	9.5	8.3	3	High Risk of Infection
08/04	85.5	>min		13.3	7.8	3.3	3	High Risk of Infection
08/05	86.9	>min		10.0	0.0	0.0	0	
08/06	77.3	>min		9.8	2.5	0.0	1	Possible Infection
08/07	80.6	>min		13.3	7.3	0.0	1	Possible Infection
08/08	76.9	>min		13.8	8.0	0.0	1	Possible Infection
08/09	73.3	>min		14.3	7.5	0.0	1	Possible Infection
08/10	90.8	>min	0.03	14.5	8.0	8.0	3	High Risk of Infection
08/11	90.2	>min	0.01	15.0	7.8	7.8	3	High Risk of Infection
08/12	80.3	>min		13.5	6.5	6.5	3	High Risk of Infection
08/13	71.8	>min	0.06	24.0	9.8	6.8	3	High Risk of Infection
08/14	85.5	>min		15.5	11.3	1.0	3	High Risk of Infection
08/15	86.7	>min		16.0	9.8	1.8	3	High Risk of Infection
08/16	89.5	>min		16.8	10.5	5.3	3	High Risk of Infection
08/17	92.3	>min		16.8	11.0	11.0	3	High Risk of Infection
08/18	90.7	>min		14.5	8.0	3.0	3	High Risk of Infection
08/19	88.7	>min		14.0	4.5	4.5	3	High Risk of Infection
08/20	88.4	>min		16.0	8.5	8.3	3	High Risk of Infection
08/21	89.8	>min		17.8	7.0	6.8	3	High Risk of Infection
08/22	86.8	>min	0.01	18.8	0.0	0.0	0	
08/23	88.6	>min		15.0	1.3	1.3	3	High Risk of Infection
08/24	86.7	>min		16.3	10.8	9.3	3	High Risk of Infection
08/25	85.4	>min		14.5	10.3	2.5	3	High Risk of Infection
08/26	86.5	>min		14.0	5.8	5.8	3	High Risk of Infection
08/27	78.7	>min		12.8	0.0	0.0	0	

Griswold, CT Powdery Mildew - Grape From 2009-08-01 To 2009-08-28

Date	Temperature High	Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
08/01	86.4	72.4	6.0	0.0	13.0		
08/02	77.9	71.4	16.3	0.0	18.0	Heavy	
08/03	86.2	74.6	14.3	0.0	12.3	Heavy	60 Heavy
08/04	85.5	73.8	13.3	0.0	13.3	Heavy	80 Heavy
08/05	86.9	78.1	21.8	0.0	8.8		100 Heavy
08/06	77.3	68.2	9.3	0.0	8.5		100 Heavy
08/07	80.6	66.7	10.0	0.0	13.3	Heavy	100 Heavy
08/08	76.9	63.2	8.8	0.0	13.8		100 Heavy
08/09	73.3	63.8	2.3	0.0	13.0		90 Heavy
08/10	90.8	78.3	9.0	0.0	13.8	Heavy	100 Heavy
08/11	90.2	79.2	16.8	0.0	13.8		100 Heavy
08/12	80.3	71.4	18.8	0.0	12.0	Heavy	100 Heavy
08/13	71.8	67.4	2.8	0.0	21.3	Heavy	90 Heavy
08/14	85.5	69.8	10.3	0.0	14.0	Heavy	100 Heavy
08/15	86.7	72.8	10.3	0.0	14.3	Heavy	100 Heavy
08/16	89.5	75.3	10.0	0.0	14.3	Heavy	100 Heavy
08/17	92.3	77.3	5.0	0.0	14.3	Heavy	90 Heavy
08/18	90.7	76.7	9.0	0.0	13.5	Heavy	100 Heavy

08/19	88.7	78.1	12.3	0.0	12.5		100	Heavy
08/20	88.4	77.1	10.5	0.0	14.5	Heavy	100	Heavy
08/21	89.8	80.2	18.8	0.0	15.3		100	Heavy
08/22	86.8	79.4	22.0	0.0	15.0	Heavy	100	Heavy
08/23	88.6	77.4	20.3	0.0	12.5	Heavy	100	Heavy
08/24	86.7	74.7	5.8	0.0	14.3	Heavy	90	Heavy
08/25	85.4	72.4	11.5	0.0	14.5	Heavy	100	Heavy
08/26	86.5	76.2	16.0	0.0	12.3	Heavy	100	Heavy
08/27	78.7	66.7	9.8	0.0	12.0		100	Heavy

Leaf Wetness Sensor Parameters:

Base Temperature	0.0
Upper Temperature	100.0
Wetness Threshold	6.0

Griswold, CT Phomopsis Cane+Leaf Spot - Grape From 2009-08-01 To 2009-08-28

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Disease Catawba	Intensity Seyval
08/01	72.4	22.3	0.00	0.0	0.0	0	0
08/02	71.4	24.0	0.00	0.0	0.0	0	0
08/03	74.6	22.8	0.00	0.0	0.0	0	0
08/04	73.8	22.0	0.00	0.0	0.0	0	0
08/05	78.1	24.0	0.00	0.0	0.0	0	0
08/06	68.2	21.3	0.00	0.0	0.0	0	0
08/07	66.7	20.3	0.00	0.0	0.0	0	0
08/08	63.2	15.8	0.00	0.0	0.0	0	0
08/09	63.8	18.8	0.00	0.0	0.0	0	0
08/10	78.3	24.0	0.03	20.3	79.8	57 Moderate	108 High
08/11	79.2	23.5	0.01	39.0	80.0	143 High	212 High
08/12	71.4	24.0	0.00	0.0	0.0	0	0
08/13	67.4	24.0	0.06	21.8	67.4	136 High	168 High
08/14	69.8	24.0	0.00	45.8	68.7	381 High	363 High
08/15	72.8	24.0	0.00	69.8	70.1	665 High	556 High
08/16	75.3	24.0	0.00	93.8	71.4	962 High	741 High
08/17	77.3	24.0	0.00	117.8	72.6	1256 High	916 High
08/18	76.7	22.0	0.00	135.0	73.1	1486 High	1043 High
08/19	78.1	24.0	0.00	0.0	0.0	0	0
08/20	77.1	24.0	0.00	0.0	0.0	0	0
08/21	80.2	24.0	0.00	0.0	0.0	0	0
08/22	79.4	24.0	0.01	11.0	79.6	24 Light	58 Moderate
08/23	77.4	24.0	0.00	35.0	78.1	149 High	212 High
08/24	74.7	23.3	0.00	53.3	77.4	288 High	339 High
08/25	72.4	23.3	0.00	0.0	0.0	0	0
08/26	76.2	22.5	0.00	0.0	0.0	0	0
08/27	66.7	18.0	0.00	0.0	0.0	0	0

Leaf Wetness Sensor Parameters:

Base Temperature	41.0
Upper Temperature	95.9
Wetness Threshold	3.0

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