

Griswold Black Rot - Grape From 2012-08-15 To 2012-08-31

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
08/15	80.5	66.0	14.0	1.49	Infection Risk
08/16	84.6	63.4	13.3	2.19	Infection Risk
08/17	84.9	58.4	9.3	1.57	Infection Risk
08/18	70.5	60.3	23.3	3.89	Infection Risk
08/19	76.8	52.5	12.8	4.48	Infection Risk
08/20	78.6	55.9	13.0	1.31	Infection Risk
08/21	82.4	59.6	12.8	1.59	Infection Risk
08/22	83.2	55.9	12.3	1.26	Infection Risk
08/23	85.2	55.3	12.5	1.32	Infection Risk
08/24	88.6	58.8	12.5	1.58	Infection Risk
08/25	84.0	59.5	12.0	1.69	Infection Risk
08/26	83.5	56.0	12.3	1.30	Infection Risk
08/27	82.1	51.4	12.5	0.96	
08/28	87.3	63.1	15.0	3.25	Infection Risk
08/29	77.5	52.1	11.8	3.99	Infection Risk
08/30	81.8	48.3	12.3	0.65	
08/31	69.2	52.1	8.3	1.02	Infection Risk

Griswold Botrytis - Grape From 2012-08-15 To 2012-08-31

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
08/15	80.5	66.0	14.0	13.3	0.93	Moderate Infection Risk
08/16	84.6	63.4	13.3	12.8	0.71	Moderate Infection Risk
08/17	84.9	58.4	9.3	8.0	0.00	
08/18	70.5	60.3	23.3	16.0	3.08	High Infection Risk
08/19	76.8	52.5	12.8	12.0	0.00	
08/20	78.6	55.9	13.0	10.8	0.14	Low Infection Risk
08/21	82.4	59.6	12.8	11.5	0.33	Low Infection Risk
08/22	83.2	55.9	12.3	11.0	0.05	Low Infection Risk
08/23	85.2	55.3	12.5	11.0	0.08	Low Infection Risk
08/24	88.6	58.8	12.5	12.0	0.42	Low Infection Risk
08/25	84.0	59.5	12.0	10.5	0.19	Low Infection Risk
08/26	83.5	56.0	12.3	11.3	0.03	Low Infection Risk
08/27	82.1	51.4	12.5	8.3	0.00	
08/28	87.3	63.1	15.0	7.3	0.96	Moderate Infection Risk
08/29	77.5	52.1	11.8	9.5	0.00	
08/30	81.8	48.3	12.3	10.8	0.00	
08/31	69.2	52.1	8.3	8.0	0.00	

Griswold Downy Mildew - Grape From 2012-08-15 To 2012-08-31

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
08/15	80.5	0.0	0.58	14.0	12.8	12.8	1	Primary Infection
08/16	84.6	>min		13.3	12.3	4.5	3	High Risk of Infection
08/17	84.9	>min		9.3	8.0	0.3	1	Possible Infection
08/18	70.5	>min	0.52	23.3	13.3	1.3	3	High Risk of Infection
08/19	76.8	>min	0.01	12.8	11.3	0.0	1	Possible Infection
08/20	78.6	>min		13.0	10.0	0.0	1	Possible Infection
08/21	82.4	>min		12.8	11.0	0.3	1	Possible Infection
08/22	83.2	>min		12.3	10.5	0.0	1	Possible Infection
08/23	85.2	>min		12.5	10.5	0.0	1	Possible Infection
08/24	88.6	>min		12.5	11.5	1.0	3	High Risk of Infection
08/25	84.0	>min		12.0	9.5	1.0	3	High Risk of Infection
08/26	83.5	>min		12.3	11.0	0.0	1	Possible Infection
08/27	82.1	>min		12.5	8.3	0.0	1	Possible Infection
08/28	87.3	>min	0.05	15.0	4.8	3.8	3	High Risk of Infection
08/29	77.5	>min		11.8	9.0	0.0	1	Possible Infection
08/30	81.8	>min		12.3	10.3	0.0	1	Possible Infection
08/31	69.2	>min		8.3	8.0	0.0	1	Possible Infection

Griswold Powdery Mildew - Grape From 2012-08-15 To 2012-08-31

Date	Temperature High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
08/15	80.5	71.7	11.0	0.0	14.0		
08/16	84.6	72.4	11.3	0.0	13.3	Heavy	
08/17	84.9	72.7	15.8	0.0	9.0		60 Heavy
08/18	70.5	66.0	0.8	0.0	22.8	Heavy	50 Medium
08/19	76.8	64.7	8.3	0.0	12.8	Heavy	70 Heavy
08/20	78.6	66.2	9.3	0.0	12.5		90 Heavy
08/21	82.4	68.8	10.3	0.0	12.8		100 Heavy
08/22	83.2	68.7	11.0	0.0	12.3		100 Heavy
08/23	85.2	69.6	10.8	0.0	12.3		100 Heavy
08/24	88.6	71.3	4.5	0.0	12.5		90 Heavy
08/25	84.0	70.5	11.3	0.0	12.0		100 Heavy
08/26	83.5	68.0	10.5	0.0	12.3		100 Heavy
08/27	82.1	68.2	14.5	0.0	12.3		100 Heavy
08/28	87.3	75.6	15.3	0.0	14.0	Heavy	100 Heavy
08/29	77.5	64.7	8.3	0.0	11.8		100 Heavy
08/30	81.8	63.7	9.0	0.0	12.3		100 Heavy
08/31	69.2	55.7	0.0	0.0	8.3		90 Heavy

Griswold Phomopsis Cane+Leaf Spot - Grape From 2012-08-15 To 2012-08-31

Date	Temp Mean	Wet Hours	Rain- Fall	Wet+ Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
08/15	71.7	14.8	0.58	9.0	68.0	38 Moderate	67 Moderate
08/16	72.4	13.5	0.00	12.8	66.7	64 Moderate	96 High
08/17	72.7	10.0	0.00	0.0	0.0	0	0
08/18	66.0	23.5	0.52	15.0	66.0	82 Moderate	114 High
08/19	64.7	13.0	0.01	4.5	54.7	11 Light	22 Light
08/20	66.2	13.3	0.00	0.0	0.0	0	0
08/21	68.8	13.0	0.00	0.0	0.0	0	0
08/22	68.7	12.3	0.00	0.0	0.0	0	0
08/23	69.6	12.5	0.00	0.0	0.0	0	0
08/24	71.3	13.3	0.00	0.0	0.0	0	0
08/25	70.5	12.5	0.00	0.0	0.0	0	0
08/26	68.0	12.3	0.00	0.0	0.0	0	0
08/27	68.2	13.5	0.00	0.0	0.0	0	0
08/28	75.6	15.3	0.05	1.3	73.2	2 Light	8 Light
08/29	64.7	12.0	0.00	0.0	0.0	0	0
08/30	63.7	12.3	0.00	0.0	0.0	0	0
08/31	55.7	8.3	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