

Griswold Black Rot - Grape From 2012-05-22 To 2012-06-04

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
05/22	67.4	61.3	20.5	2.81	Infection Risk
05/23	78.9	58.0	10.3	3.58	Infection Risk
05/24	76.7	55.1	8.8	1.03	Infection Risk
05/25	73.7	57.2	13.0	1.64	Infection Risk
05/26	79.5	64.4	14.3	2.76	Infection Risk
05/27	84.7	61.8	10.8	2.11	Infection Risk
05/28	87.3	62.6	10.0	1.49	Infection Risk
05/29	88.0	63.0	8.8	1.52	Infection Risk
05/30	78.2	59.5	11.8	2.09	Infection Risk
05/31	82.6	55.1	10.0	2.75	Infection Risk
06/01	77.0	51.6	7.3	0.69	
06/02	65.1	55.9	20.3	2.53	Infection Risk
06/03	76.2	52.7	15.3	3.15	Infection Risk
06/04	53.9	51.7	5.8	0.99	

Griswold Downy Mildew - Grape From 2012-05-22 To 2012-06-04

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
05/22	67.4	0.0	0.24	20.5	14.3	0.0	1	Primary Infection
05/23	78.9	>min		10.3	9.3	0.0	1	Possible Infection
05/24	76.7	>min		8.8	10.5	0.0	1	Possible Infection
05/25	73.7	>min		13.0	12.5	1.0	3	High Risk of Infection
05/26	79.5	>min	0.01	14.3	13.5	6.0	3	High Risk of Infection
05/27	84.7	>min		10.8	8.0	0.0	1	Possible Infection
05/28	87.3	>min		10.0	11.3	2.0	3	High Risk of Infection
05/29	88.0	>min		8.8	8.0	0.3	1	Possible Infection
05/30	78.2	>min		11.8	7.0	4.5	3	High Risk of Infection
05/31	82.6	>min		10.0	7.8	0.0	1	Possible Infection
06/01	77.0	>min		7.3	4.0	0.0	1	Possible Infection
06/02	65.1	>min	0.96	20.3	18.8	0.0	1	Possible Infection
06/03	76.2	>min	0.19	15.3	9.3	0.0	1	Possible Infection
06/04	53.9	>min		5.8	2.0	0.0	1	Possible Infection

Griswold Powdery Mildew - Grape From 2012-05-22 To 2012-06-04

Date	Temperature		Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
	High	Mean					
05/22	67.4	63.8	0.0	0.0	19.8	Heavy	
05/23	78.9	66.6	8.0	0.0	10.0	Heavy	
05/24	76.7	64.3	6.3	0.0	8.5		
05/25	73.7	64.4	3.8	0.0	13.0	Heavy	
05/26	79.5	70.4	10.8	0.0	14.3	Heavy	
05/27	84.7	71.6	10.8	0.0	10.5	Heavy	
05/28	87.3	72.1	5.3	0.0	9.8		
05/29	88.0	73.6	11.8	0.0	8.8		
05/30	78.2	70.1	12.0	0.0	11.5	Heavy	
05/31	82.6	68.3	11.0	0.0	10.0	Heavy	60 Heavy
06/01	77.0	63.6	7.3	0.0	7.3		80 Heavy
06/02	65.1	61.3	0.0	0.0	20.3	Heavy	70 Heavy
06/03	76.2	62.0	4.8	0.0	15.3	Heavy	60 Heavy
06/04	53.9	52.5	0.0	0.0	5.8		50 Medium

Griswold Phomopsis Cane+Leaf Spot - Grape From 2012-05-22 To 2012-06-04

Date	Temp Mean	Wet Hours	Rain- Fall	Wet+ Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
05/22	63.8	21.5	0.24	10.8	63.1	51 Moderate	78 Moderate
05/23	66.6	10.5	0.00	0.0	0.0	0	0
05/24	64.3	9.3	0.00	0.0	0.0	0	0
05/25	64.4	13.8	0.00	0.0	0.0	0	0
05/26	70.4	14.8	0.01	1.0	75.4	1 Light	6 Light
05/27	71.6	11.0	0.00	0.0	0.0	0	0
05/28	72.1	10.8	0.00	0.0	0.0	0	0
05/29	73.6	9.3	0.00	0.0	0.0	0	0
05/30	70.1	12.5	0.00	0.0	0.0	0	0
05/31	68.3	10.0	0.00	0.0	0.0	0	0
06/01	63.6	7.3	0.00	0.0	0.0	0	0
06/02	61.3	21.0	0.96	19.5	62.4	120 High	143 High
06/03	62.0	15.3	0.19	34.8	60.2	264 High	245 High
06/04	52.5	6.0	0.00	13.3	54.9	52 Moderate	69 Moderate

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