

Griswold Black Rot - Grape From 2012-05-11 To 2012-05-24

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
05/11	68.3	40.2	0.3	0.01	
05/12	79.4	34.0	0.8	0.05	
05/13	80.6	47.3	7.8	0.23	
05/14	73.3	55.7	6.8	0.77	
05/15	69.4	58.0	10.3	1.19	Infection Risk
05/16	69.2	57.2	14.3	2.29	Infection Risk
05/17	73.2	47.7	7.0	0.79	
05/18	72.6	40.1	1.8	0.20	
05/19	82.0	38.6	3.3	0.14	
05/20	79.9	45.5	5.0	0.31	
05/21	70.6	48.9	9.5	0.92	
05/22	67.4	61.3	20.5	3.73	Infection Risk
05/23	78.9	58.0	10.3	4.50	Infection Risk
05/24	76.7	55.1	7.3	1.03	Infection Risk

Griswold Downy Mildew - Grape From 2012-05-11 To 2012-05-24

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
05/11	68.3	0.0		2.3	0.0	0.0	0	Primary Infection
05/12	79.4	>min		1.0	0.0	0.0	0	
05/13	80.6	>min		9.3	1.5	0.0	1	Possible Infection
05/14	73.3	>min		6.8	0.0	0.0	0	
05/15	69.4	>min	0.86	10.3	8.3	0.0	1	Possible Infection
05/16	69.2	>min	0.26	14.3	15.3	0.0	1	Possible Infection
05/17	73.2	>min		7.3	3.3	0.0	1	Possible Infection
05/18	72.6	>min		7.8	3.5	0.0	1	Possible Infection
05/19	82.0	>min		4.0	0.0	0.0	0	
05/20	79.9	>min		9.5	3.5	0.0	1	Possible Infection
05/21	70.6	>min	0.06	9.5	5.8	0.0	1	Possible Infection
05/22	67.4	>min	0.24	20.5	14.3	0.0	1	Possible Infection
05/23	78.9	>min		10.3	9.3	0.0	1	Possible Infection
05/24	76.7	>min		7.3	8.5	0.0	1	Possible Infection

Griswold Powdery Mildew - Grape From 2012-05-11 To 2012-05-24

Date	Temperature		Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
	High	Mean					
05/11	68.3	53.8	0.0	0.0	5.0		
05/12	79.4	58.6	8.0	0.0	8.0		
05/13	80.6	63.3	8.8	0.0	9.3		
05/14	73.3	64.1	5.8	0.0	6.5		
05/15	69.4	62.2	0.0	0.0	10.3		
05/16	69.2	63.0	0.0	0.0	14.3	Heavy	
05/17	73.2	60.1	4.5	0.0	7.3		
05/18	72.6	55.9	3.0	0.0	11.5		
05/19	82.0	61.3	10.0	0.0	10.3		
05/20	79.9	62.8	9.5	0.0	9.5		
05/21	70.6	61.1	0.5	0.0	9.5		
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	62.4	2.0	0.0	7.3		

Griswold Phomopsis Cane+Leaf Spot - Grape From 2012-05-11 To 2012-05-24

Date	Temp Mean	Wet Hours	Rain- Fall	Wet+ Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
05/11	53.8	5.3	0.00	0.0	0.0	0	0
05/12	58.6	1.3	0.00	0.0	0.0	0	0
05/13	63.3	9.8	0.00	0.0	0.0	0	0
05/14	64.1	7.0	0.00	0.0	0.0	0	0
05/15	62.2	10.3	0.86	10.0	61.0	45 Moderate	69 Moderate
05/16	63.0	14.3	0.26	19.8	60.9	119 High	139 High
05/17	60.1	7.5	0.00	0.0	0.0	0	0
05/18	55.9	10.3	0.00	0.0	0.0	0	0
05/19	61.3	6.0	0.00	0.0	0.0	0	0
05/20	62.8	9.8	0.00	0.0	0.0	0	0
05/21	61.1	11.0	0.06	0.5	63.0	1 Light	3 Light
05/22	63.8	21.5	0.24	12.8	63.0	66 Moderate	93 High
05/23	66.6	10.5	0.00	0.0	0.0	0	0
05/24	62.4	7.3	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