

Griswold 2011 Black Rot - Grape From 2011-05-29 To 2011-06-10

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
05/29	79.2	64.3	12.5	1.26	Infection Risk
05/30	86.6	66.7	12.0	1.98	Infection Risk
05/31	87.9	59.8	9.8	1.80	Infection Risk
06/01	78.8	59.2	10.8	1.12	Infection Risk
06/02	77.1	55.7	7.5	1.53	Infection Risk
06/03	73.1	45.5	1.5	0.03	
06/04	78.4	40.2	3.5	0.13	
06/05	71.2	39.9	1.8	0.18	
06/06	79.6	53.1	10.5	0.58	
06/07	90.1	50.5	10.3	0.78	
06/08	93.3	59.4	9.8	1.37	Infection Risk
06/09	87.3	63.9	15.5	1.90	Infection Risk
06/10	66.0	64.6	4.0	1.62	Infection Risk

Griswold 2011 Downy Mildew - Grape From 2011-05-29 To 2011-06-10

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
05/29	79.2	0.0		12.5	10.0	3.8	1	Primary Infection
05/30	86.6	>min		12.0	9.8	9.8	3	High Risk of Infection
05/31	87.9	>min		9.8	6.5	1.5	3	High Risk of Infection
06/01	78.8	>min		10.8	6.5	0.3	1	Possible Infection
06/02	77.1	>min		7.5	6.8	0.8	3	High Risk of Infection
06/03	73.1	>min		2.5	0.0	0.0	0	
06/04	78.4	>min		6.3	0.8	0.0	1	Possible Infection
06/05	71.2	>min		4.5	1.0	0.0	1	Possible Infection
06/06	79.6	>min		10.5	2.0	0.0	1	Possible Infection
06/07	90.1	>min		10.3	6.8	0.0	1	Possible Infection
06/08	93.3	>min	0.03	9.8	4.5	0.0	1	Possible Infection
06/09	87.3	>min	0.72	15.5	8.0	5.8	3	High Risk of Infection
06/10	66.0	>min		4.0	4.0	0.3	1	Possible Infection

Griswold 2011 Powdery Mildew - Grape From 2011-05-28 To 2011-06-10

Date	Temperature		Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
	High	Mean					
05/28	78.6	69.6	10.8	0.0	11.5		
05/29	79.2	70.7	10.5	0.0	12.3	Heavy	
05/30	86.6	74.2	8.5	0.0	11.8		60 Heavy
05/31	87.9	72.8	5.0	0.0	9.8		50 Medium
06/01	78.8	68.5	9.5	0.0	10.3		70 Heavy
06/02	77.1	65.2	7.5	0.0	7.5		90 Heavy
06/03	73.1	60.1	5.0	0.0	2.3		80 Heavy
06/04	78.4	58.3	6.3	0.0	10.8		100 Heavy
06/05	71.2	57.4	1.3	0.0	8.3		90 Heavy
06/06	79.6	66.2	10.5	0.0	10.5		100 Heavy
06/07	90.1	71.2	3.5	0.0	10.0		90 Heavy
06/08	93.3	76.5	5.0	0.0	9.5		80 Heavy
06/09	87.3	72.7	6.0	0.0	15.5		100 Heavy
06/10	66.0	65.3	0.0	0.0	4.0		90 Heavy

Griswold 2011 Phomopsis Cane+Leaf Spot - Grape From 2011-05-29 To 2011-06-10

Date	Temp Mean	Wet Hours	Rain- Fall	Wet+ Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
05/29	70.7	13.0	0.00	0.0	0.0	0	0
05/30	74.2	12.8	0.00	0.0	0.0	0	0
05/31	72.8	10.5	0.00	0.0	0.0	0	0
06/01	68.5	12.0	0.00	0.0	0.0	0	0
06/02	65.2	7.8	0.00	0.0	0.0	0	0
06/03	60.1	3.0	0.00	0.0	0.0	0	0
06/04	58.3	10.5	0.00	0.0	0.0	0	0
06/05	57.4	6.5	0.00	0.0	0.0	0	0
06/06	66.2	10.5	0.00	0.0	0.0	0	0
06/07	71.2	10.3	0.00	0.0	0.0	0	0
06/08	76.5	10.3	0.03	1.3	72.8	2 Light	8 Light
06/09	72.7	15.5	0.72	16.8	67.6	93 High	128 High
06/10	65.3	4.0	0.00	10.8	65.9	51 Moderate	81 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