

Griswold Black Rot - Grape From 2012-05-01 To 2012-05-16

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
05/01	53.1	46.3	7.8	0.35	
05/02	57.2	45.1		0.00	
05/03	51.9	48.0	13.5	0.55	
05/04	61.6	48.5	13.8	0.99	
05/05	61.8	52.1	13.8	0.90	
05/06	64.5	43.4	8.8	0.60	
05/07	69.4	40.7	0.8	0.09	
05/08	59.2	50.1	10.0	0.32	
05/09	60.4	56.7	24.0	2.54	Infection Risk
05/10	66.4	47.2	11.3	3.34	Infection Risk
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	66.4	60.0	9.8	2.29	Infection Risk

Griswold Downy Mildew - Grape From 2012-05-01 To 2012-05-16

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
05/01	53.1	0.0	0.48	9.8	6.5	0.0	1	Primary Infection
05/02	57.2	>min			0.0	0.0	0	
05/03	51.9	>min	0.24	13.5	12.3	0.0	1	Possible Infection
05/04	61.6	>min	0.02	13.8	18.0	0.0	1	Possible Infection
05/05	61.8	>min	0.08	13.8	14.3	0.0	1	Possible Infection
05/06	64.5	>min		11.5	8.5	0.0	1	Possible Infection
05/07	69.4	>min		1.8	1.5	0.0	1	Possible Infection
05/08	59.2	>min	0.07	10.0	1.0	0.0	1	Possible Infection
05/09	60.4	>min	1.89	24.0	24.0	0.0	1	Possible Infection
05/10	66.4	>min	0.83	11.3	10.3	0.0	1	Possible Infection
05/11	68.3	>min		2.3	0.0	0.0	0	
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	66.4	>min	0.26	9.8	11.8	0.0	1	Possible Infection

Griswold Powdery Mildew - Grape From 2012-05-01 To 2012-05-16

Date	Temperature		Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
	High	Mean					
05/01	53.1	49.6	0.0	0.0	9.8		
05/02	57.2	50.5	0.0	0.0	0.0		
05/03	51.9	49.8	0.0	0.0	13.3		
05/04	61.6	54.6	0.0	0.0	13.5	Heavy	
05/05	61.8	55.3	0.0	0.0	13.5		
05/06	64.5	55.0	0.0	0.0	11.5		
05/07	69.4	54.9	0.0	0.0	8.0		
05/08	59.2	54.7	0.0	0.0	9.8		
05/09	60.4	58.7	0.0	0.0	24.0	Heavy	
05/10	66.4	56.2	0.0	0.0	11.3	Heavy	
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	66.4	61.6	0.0	0.0	9.8	Heavy	

Griswold Phomopsis Cane+Leaf Spot - Grape From 2012-05-01 To 2012-05-16

Date	Temp Mean	Wet Hours	Rain- Fall	Wet+ Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
05/01	49.6	10.3	0.48	7.0	50.1	13 Light	22 Light
05/02	50.5	0.0	0.00	0.0	0.0	0	0
05/03	49.8	15.3	0.24	8.0	48.9	13 Light	22 Light
05/04	54.6	15.3	0.02	4.0	52.3	8 Light	16 Light
05/05	55.3	14.3	0.08	2.5	54.9	5 Light	12 Light
05/06	55.0	11.5	0.00	0.0	0.0	0	0
05/07	54.9	7.3	0.00	0.0	0.0	0	0
05/08	54.7	10.3	0.07	1.5	56.4	3 Light	8 Light
05/09	58.7	24.0	1.89	25.5	58.6	162 High	167 High
05/10	56.2	11.5	0.83	35.8	57.6	252 High	227 High
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	61.6	9.8	0.26	19.8	60.9	119 High	139 High

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