

Griswold Black Rot - Grape From 2012-04-22 To 2012-05-08

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
04/22	60.5	44.7	11.8	0.98	
04/23	60.6	44.8	8.8	1.76	Infection Risk
04/24	56.2	42.0		0.00	
04/25	61.0	35.2	1.3	0.06	
04/26	62.5	29.4	4.5	0.32	
04/27	55.4	38.5	4.3	0.57	
04/28	59.3	35.7		0.00	
04/29	60.1	28.4		0.00	
04/30	64.4	26.3		0.00	
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	51.9	50.1	6.5	0.30	

Griswold Downy Mildew - Grape From 2012-04-22 To 2012-05-08

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	Hours>95%RH 66-77	Risk	Warning
04/22	60.5	0.0	1.61	19.0	12.0	0.0	1	Primary Infection
04/23	60.6	>min	1.95	11.5	11.8	0.0	1	Possible Infection
04/24	56.2	>min			0.0	0.0	0	
04/25	61.0	>min		5.0	0.3	0.0	0	
04/26	62.5	>min	0.01	4.8	1.5	0.0	1	Possible Infection
04/27	55.4	>min		4.3	3.8	0.0	1	Possible Infection
04/28	59.3	>min			0.0	0.0	0	
04/29	60.1	>min			0.0	0.0	0	
04/30	64.4	>min			0.0	0.0	0	
05/01	53.1	>min	0.48	9.8	6.5	0.0	1	Possible 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	51.9	>min		6.5	0.0	0.0	0	

Griswold Powdery Mildew - Grape From 2012-04-22 To 2012-05-08

Date	Temperature High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
04/22	60.5	53.6	0.0	0.0	19.0	Heavy	
04/23	60.6	53.0	0.0	0.0	11.5	Heavy	
04/24	56.2	49.4	0.0	0.0	0.0		
04/25	61.0	48.5	0.0	0.0	13.0		
04/26	62.5	48.0	0.0	0.0	12.5		
04/27	55.4	48.9	0.0	0.0	4.3		
04/28	59.3	47.0	0.0	0.0	0.0		
04/29	60.1	47.0	0.0	0.0	3.3		
04/30	64.4	47.2	0.0	0.0	2.0		
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	51.9	50.8	0.0	0.0	6.3		

Griswold Phomopsis Cane+Leaf Spot-Grape From 2012-04-22 To 2012-05-08

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Disease Intensity Catawba	Disease Intensity Seyval
04/22	53.6	19.3	1.61	11.8	48.5	21 Light	30 Moderate
04/23	53.0	11.8	1.95	22.8	51.6	84 Moderate	91 High
04/24	49.4	0.0	0.00	0.0	0.0	0	0
04/25	48.5	6.8	0.00	0.0	0.0	0	0
04/26	48.0	5.0	0.01	0.3	53.7	0 Light	1 Light
04/27	48.9	4.5	0.00	4.8	53.2	11 Light	21 Light
04/28	47.0	0.0	0.00	0.0	0.0	0	0
04/29	47.0	0.0	0.00	0.0	0.0	0	0
04/30	47.2	0.0	0.00	0.0	0.0	0	0
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	50.8	6.5	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