

Griswold Black Rot - Grape From 2012-06-01 To 2012-06-20

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
06/01	77.0	51.6	7.3	0.48	
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	57.9	49.3	17.5	1.64	Infection Risk
06/05	60.4	49.0	9.0	1.91	Infection Risk
06/06	67.3	50.3	12.8	1.07	Infection Risk
06/07	76.8	50.3	14.0	1.48	Infection Risk
06/08	76.4	52.2	8.5	1.00	Infection Risk
06/09	77.8	56.0	12.0	0.94	
06/10	82.0	56.6	9.8	1.18	Infection Risk
06/11	75.3	53.9	10.0	0.75	
06/12	71.4	55.4	12.5	0.86	
06/13	66.3	61.8	22.3	3.85	Infection Risk
06/14	75.9	51.5	11.8	4.78	Infection Risk
06/15	77.8	45.5	8.5	0.59	
06/16	78.7	46.0	5.3	0.51	
06/17	75.5	55.1	0.3	0.02	
06/18	73.0	50.3	10.3	0.40	
06/19	70.7	52.4	10.8	0.82	
06/20	68.7	61.8	7.0	1.40	Infection Risk

Griswold Downy Mildew - Grape From 2012-06-01 To 2012-06-20

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours >95%RH	43-86	66-77	Risk	Warning
06/01	77.0	0.0		7.3	4.0	0.0	1	Primary	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	57.9	>min	0.04	17.5	2.0	0.0	1	Possible	Infection
06/05	60.4	>min	0.11	9.0	3.3	0.0	1	Possible	Infection
06/06	67.3	>min	0.25	12.8	12.5	0.0	1	Possible	Infection
06/07	76.8	>min	0.45	14.0	12.0	0.0	1	Possible	Infection
06/08	76.4	>min		8.5	8.8	0.0	1	Possible	Infection
06/09	77.8	>min	0.01	12.0	7.0	0.0	1	Possible	Infection
06/10	82.0	>min		9.8	6.8	0.0	1	Possible	Infection
06/11	75.3	>min		10.0	2.0	0.0	1	Possible	Infection
06/12	71.4	>min	0.04	12.5	8.0	0.0	1	Possible	Infection
06/13	66.3	>min	0.34	22.3	19.3	0.0	1	Possible	Infection
06/14	75.9	>min		11.8	9.5	0.0	1	Possible	Infection
06/15	77.8	>min		12.0	7.5	0.0	1	Possible	Infection
06/16	78.7	>min		8.5	7.0	0.0	1	Possible	Infection
06/17	75.5	>min		0.3	0.0	0.0	0		
06/18	73.0	>min		10.3	5.5	0.0	1	Possible	Infection
06/19	70.7	>min		10.8	6.8	0.0	1	Possible	Infection
06/20	68.7	>min		7.0	5.8	0.0	1	Possible	Infection

Griswold Powdery Mildew - Grape From 2012-06-01 To 2012-06-20

Date	Temperature		Hours	Hours	Wet	Ascospore	Conidial
	High	Mean	70-85	>95	Hours	Infection	Index
06/01	77.0	63.6	7.3	0.0	7.3		
06/02	65.1	61.3	0.0	0.0	20.3	Heavy	
06/03	76.2	62.0	4.8	0.0	15.3	Heavy	
06/04	57.9	53.1	0.0	0.0	17.5	Heavy	
06/05	60.4	54.6	0.0	0.0	9.0	Heavy	
06/06	67.3	58.0	0.0	0.0	12.5		
06/07	76.8	60.9	5.8	0.0	14.0	Heavy	
06/08	76.4	64.4	9.0	0.0	8.5		
06/09	77.8	65.7	7.5	0.0	12.0		
06/10	82.0	68.0	11.0	0.0	9.8		60 Heavy
06/11	75.3	63.4	6.0	0.0	10.0		80 Heavy
06/12	71.4	63.7	0.8	0.0	12.3		70 Heavy
06/13	66.3	63.6	0.0	0.0	22.3	Heavy	60 Heavy
06/14	75.9	64.8	6.8	0.0	11.5	Heavy	80 Heavy
06/15	77.8	62.6	10.3	0.0	12.0		100 Heavy
06/16	78.7	63.4	10.3	0.0	8.3		100 Heavy
06/17	75.5	62.1	4.5	0.0	0.3		90 Heavy
06/18	73.0	61.0	1.5	0.0	10.3		80 Heavy
06/19	70.7	63.2	0.5	0.0	10.8		70 Heavy
06/20	68.7	63.5	0.0	0.0	7.0		60 Heavy

Griswold Phomopsis Cane+Leaf Spot - Grape From 2012-06-01 To 2012-06-20

Date	Temp	Wet	Rain-	Wet+	Wet	Disease	Intensity
	Mean	Hours	Fall	Rain	Temp	Catawba	Seyval
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	53.1	18.0	0.04	24.0	53.6	111 High	116 High
06/05	54.6	10.0	0.11	18.8	51.1	60 Moderate	71 Moderate
06/06	58.0	13.0	0.25	14.8	54.6	60 Moderate	75 Moderate
06/07	60.9	14.0	0.45	18.8	55.5	90 Moderate	103 High
06/08	64.4	9.0	0.00	14.0	55.3	58 Moderate	75 Moderate
06/09	65.7	12.3	0.01	4.8	58.4	15 Light	29 Light
06/10	68.0	9.8	0.00	0.0	0.0	0	0
06/11	63.4	10.0	0.00	0.0	0.0	0	0
06/12	63.7	12.8	0.04	4.5	62.9	15 Light	31 Moderate
06/13	63.6	22.3	0.34	25.0	63.4	172 High	188 High
06/14	64.8	11.8	0.00	15.8	62.7	89 Moderate	115 High
06/15	62.6	12.0	0.00	0.0	0.0	0	0
06/16	63.4	8.5	0.00	0.0	0.0	0	0
06/17	62.1	0.3	0.00	0.0	0.0	0	0
06/18	61.0	10.3	0.00	0.0	0.0	0	0
06/19	63.2	11.0	0.00	0.0	0.0	0	0
06/20	63.5	7.0	0.00	0.0	0.0	0	0