

Griswold Black Rot - Grape From 2012-08-28 To 2012-09-11

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
08/28	87.3	63.1	15.0	2.43	Infection Risk
08/29	77.5	52.1	11.8	3.17	Infection Risk
08/30	81.8	48.3	12.3	0.65	
08/31	88.7	52.1	10.3	1.02	Infection Risk
09/01	87.5	63.6	12.8	1.53	Infection Risk
09/02	81.0	59.3	12.8	1.74	Infection Risk
09/03	78.1	52.7	9.3	1.41	Infection Risk
09/04	77.2	63.1	22.5	3.77	Infection Risk
09/05	80.2	68.4	20.5	7.14	Infection Risk
09/06	79.3	63.1	14.3	8.53	Infection Risk
09/07	83.7	67.2	14.5	2.51	Infection Risk
09/08	79.0	63.2	11.0	2.29	Infection Risk
09/09	77.0	55.7	14.3	1.52	Infection Risk
09/10	71.2	47.0	8.8	1.05	Infection Risk
09/11	64.7	41.9	1.0	0.06	

Griswold Botrytis - Grape From 2012-08-28 To 2012-09-11

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
08/28	87.3	63.1	15.0	7.3	0.96	Moderate Infection Risk
08/29	77.5	52.1	11.8	9.5	0.00	
08/30	81.8	48.3	12.3	10.8	0.00	
08/31	88.7	52.1	10.3	8.0	0.00	
09/01	87.5	63.6	12.8	10.0	0.51	Moderate Infection Risk
09/02	81.0	59.3	12.8	9.5	0.32	Low Infection Risk
09/03	78.1	52.7	9.3	8.5	0.00	
09/04	77.2	63.1	22.5	14.8	2.80	High Infection Risk
09/05	80.2	68.4	20.5	19.3	2.26	High Infection Risk
09/06	79.3	63.1	14.3	13.5	0.97	Moderate Infection Risk
09/07	83.7	67.2	14.5	13.8	1.00	Moderate Infection Risk
09/08	79.0	63.2	11.0	10.3	0.08	Low Infection Risk
09/09	77.0	55.7	14.3	13.0	0.47	Low Infection Risk
09/10	71.2	47.0	9.3	8.5	0.00	
09/11	64.7	41.9	7.8	6.5	0.00	

Griswold Downy Mildew - Grape From 2012-08-28 To 2012-09-11

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours >95%RH 43-86	66-77	Risk	Warning
08/28	87.3	0.0	0.05	15.0	4.8	3.8	1	Primary Infection
08/29	77.5	>min		11.8	9.0	0.0	1	Possible Infection
08/30	81.8	>min		12.3	10.3	0.0	1	Possible Infection
08/31	88.7	>min		10.3	8.0	0.0	1	Possible Infection
09/01	87.5	>min	0.03	12.8	7.5	1.8	3	High Risk of Infection
09/02	81.0	>min		12.8	8.5	0.0	1	Possible Infection
09/03	78.1	>min		9.3	8.5	0.0	1	Possible Infection
09/04	77.2	>min	1.53	22.5	13.0	12.3	3	High Risk of Infection
09/05	80.2	>min	2.32	20.5	16.5	16.5	3	High Risk of Infection
09/06	79.3	>min		14.3	12.8	7.3	3	High Risk of Infection
09/07	83.7	>min		14.5	13.3	13.3	3	High Risk of Infection
09/08	79.0	>min	0.16	11.0	9.0	8.0	3	High Risk of Infection
09/09	77.0	>min	0.07	14.3	12.3	0.0	1	Possible Infection
09/10	71.2	>min		9.3	8.5	0.0	1	Possible Infection
09/11	64.7	>min		6.0	3.3	0.0	1	Possible Infection

Griswold Powdery Mildew - Grape From 2012-08-28 To 2012-09-11

Date	Temperature High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
08/28	87.3	75.6	15.3	0.0	14.0		
08/29	77.5	64.7	8.3	0.0	11.8		
08/30	81.8	63.7	9.0	0.0	12.3		60 Heavy
08/31	88.7	71.2	10.8	0.0	10.3		80 Heavy
09/01	87.5	72.8	3.8	0.0	12.8		70 Heavy
09/02	81.0	68.4	10.0	0.0	12.8	Heavy	90 Heavy
09/03	78.1	65.9	9.0	0.0	9.3		100 Heavy
09/04	77.2	70.9	14.3	0.0	21.8	Heavy	100 Heavy
09/05	80.2	74.2	21.0	0.0	20.5	Heavy	100 Heavy
09/06	79.3	70.1	10.5	0.0	13.5	Heavy	100 Heavy
09/07	83.7	73.9	14.3	0.0	14.3	Heavy	100 Heavy
09/08	79.0	74.0	20.8	0.0	11.0	Heavy	100 Heavy
09/09	77.0	64.3	4.8	0.0	13.8		90 Heavy
09/10	71.2	59.2	0.3	0.0	8.8		80 Heavy
09/11	64.7	48.4	0.0	0.0	7.8		70 Heavy

Griswold Phomopsis Cane+Leaf Spot - Grape From 2012-08-28 To 2012-09-11

Date	Temp Mean	Wet Hours	Rain- Fall	Wet+ Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
08/28	75.6	15.3	0.05	1.3	73.2	2 Light	8 Light
08/29	64.7	12.0	0.00	0.0	0.0	0	0
08/30	63.7	12.3	0.00	0.0	0.0	0	0
08/31	71.2	10.5	0.00	0.0	0.0	0	0
09/01	72.8	13.0	0.03	4.8	66.1	16 Light	34 Moderate
09/02	68.4	13.3	0.00	13.0	63.4	67 Moderate	95 High
09/03	65.9	11.8	0.00	0.0	0.0	0	0
09/04	70.9	23.8	1.53	20.8	71.9	109 High	153 High
09/05	74.2	21.8	2.32	36.0	73.1	225 High	264 High
09/06	70.1	14.8	0.00	0.0	0.0	0	0
09/07	73.9	14.8	0.00	0.0	0.0	0	0
09/08	74.0	15.8	0.16	3.0	66.3	8 Light	21 Light
09/09	64.3	14.8	0.07	12.3	62.7	62 Moderate	89 Moderate
09/10	59.2	9.8	0.00	0.0	0.0	0	0
09/11	48.4	8.0	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