

Griswold Black Rot - Grape From 2012-07-01 To 2012-07-18

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
07/01	90.3	61.2	17.8	2.69	Infection Risk
07/02	84.6	61.7	14.3	3.91	Infection Risk
07/03	86.8	58.4	12.5	1.93	Infection Risk
07/04	86.7	65.4	19.3	3.66	Infection Risk
07/05	87.0	65.9	11.5	4.94	Infection Risk
07/06	88.6	61.8	11.3	1.67	Infection Risk
07/07	91.4	68.6	11.5	1.99	Infection Risk
07/08	90.4	63.6	11.5	1.89	Infection Risk
07/09	84.4	58.6	9.3	1.55	Infection Risk
07/10	85.7	56.0	9.8	0.92	
07/11	84.5	59.9	9.8	1.27	Infection Risk
07/12	87.5	62.2	9.3	1.51	Infection Risk
07/13	87.3	59.1	6.5	1.01	Infection Risk
07/14	90.9	66.6	2.3	0.39	
07/15	87.3	65.4	11.8	0.98	
07/16	91.4	69.9	10.0	2.19	Infection Risk
07/17	91.9	66.3	7.3	1.73	Infection Risk
07/18	88.2	72.3	2.8	0.46	

Griswold Downy Mildew - Grape From 2012-07-01 To 2012-07-18

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
07/01	90.3	0.0	0.44	16.5	10.8	4.3	1	Primary Infection
07/02	84.6	>min		14.3	11.5	1.3	3	High Risk of Infection
07/03	86.8	>min		12.5	7.8	0.3	1	Possible Infection
07/04	86.7	>min		19.0	6.5	5.5	3	High Risk of Infection
07/05	87.0	>min		11.5	5.8	5.5	3	High Risk of Infection
07/06	88.6	>min		11.3	7.0	0.3	1	Possible Infection
07/07	91.4	>min		11.5	1.0	1.0	3	High Risk of Infection
07/08	90.4	>min		11.5	6.3	2.8	3	High Risk of Infection
07/09	84.4	>min		9.3	0.8	0.8	3	High Risk of Infection
07/10	85.7	>min		9.8	6.5	0.0	1	Possible Infection
07/11	84.5	>min		9.8	6.0	0.3	1	Possible Infection
07/12	87.5	>min		9.3	8.0	0.3	1	Possible Infection
07/13	87.3	>min		6.5	5.5	0.0	1	Possible Infection
07/14	90.9	>min	0.02	2.3	1.0	1.0	3	High Risk of Infection
07/15	87.3	>min	0.15	11.8	6.8	5.8	3	High Risk of Infection
07/16	91.4	>min	0.02	10.0	8.5	8.5	3	High Risk of Infection
07/17	91.9	>min		7.3	7.3	7.3	3	High Risk of Infection
07/18	88.2	>min		2.8	0.8	0.8	3	High Risk of Infection

Griswold Powdery Mildew - Grape From 2012-07-01 To 2012-07-18

Date	Temperature		Hours	Hours	Wet	Ascospore	Conidial
	High	Mean	70-85	>95	Hours	Infection	Index
07/01	90.3	73.2	3.8	0.0	16.3	Heavy	
07/02	84.6	71.1	10.8	0.0	13.3	Heavy	
07/03	86.8	71.8	11.5	0.0	11.3	Heavy	
07/04	86.7	75.8	17.0	0.0	14.8	Heavy	60 Heavy
07/05	87.0	77.3	12.3	0.0	10.8		80 Heavy
07/06	88.6	75.2	12.0	0.0	10.5		100 Heavy
07/07	91.4	78.2	18.0	0.0	8.8		100 Heavy
07/08	90.4	76.7	5.5	0.0	10.3		90 Heavy
07/09	84.4	72.0	13.0	0.0	9.3		100 Heavy
07/10	85.7	71.2	12.3	0.0	9.5		100 Heavy
07/11	84.5	72.7	13.0	0.0	9.8		100 Heavy
07/12	87.5	73.2	5.3	0.0	9.0		90 Heavy
07/13	87.3	72.3	11.0	0.0	6.5		100 Heavy
07/14	90.9	77.5	4.5	0.0	2.3		90 Heavy
07/15	87.3	76.0	14.0	0.0	11.8		100 Heavy
07/16	91.4	79.5	5.5	0.0	10.0	Heavy	90 Heavy
07/17	91.9	80.3	5.5	0.0	7.3		80 Heavy
07/18	88.2	78.9	13.3	0.0	2.5		100 Heavy

Griswold Phomopsis Cane+Leaf Spot - Grape From 2012-07-01 To 2012-07-18

Date	Temp	Wet	Rain-	Wet+	Wet	Disease Intensity	
	Mean	Hours	Fall	Rain	Temp	Catawba	Seyval
07/01	73.2	24.0	0.44	9.5	70.9	37 Moderate	69 Moderate
07/02	71.1	24.0	0.00	33.5	71.1	224 High	256 High
07/03	71.8	21.8	0.00	51.0	71.4	403 High	393 High
07/04	75.8	24.0	0.00	0.0	0.0	0	0
07/05	77.3	23.0	0.00	0.0	0.0	0	0
07/06	75.2	23.0	0.00	0.0	0.0	0	0
07/07	78.2	24.0	0.00	0.0	0.0	0	0
07/08	76.7	22.8	0.00	0.0	0.0	0	0
07/09	72.0	11.0	0.00	0.0	0.0	0	0
07/10	71.2	9.8	0.00	0.0	0.0	0	0
07/11	72.7	9.8	0.00	0.0	0.0	0	0
07/12	73.2	9.5	0.00	0.0	0.0	0	0
07/13	72.3	7.0	0.00	0.0	0.0	0	0
07/14	77.5	4.5	0.02	1.3	69.6	2 Light	9 Light
07/15	76.0	12.5	0.15	6.3	75.6	16 Light	40 Moderate
07/16	79.5	10.0	0.02	13.3	73.6	52 Moderate	92 High
07/17	80.3	7.5	0.00	0.0	0.0	0	0
07/18	78.9	2.8	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