

Griswold CT Black Rot - Grape From 2010-07-14 To 2010-07-29

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
07/14	80.6	70.3	19.3	3.07	Infection Risk
07/15	81.0	68.4	12.0	4.42	Infection Risk
07/16	87.4	66.3	10.5	1.99	Infection Risk
07/17	91.2	70.5	7.0	1.68	Infection Risk
07/18	92.3	67.2	8.0	0.77	
07/19	81.7	61.8	15.0	2.97	Infection Risk
07/20	85.1	66.7	12.8	4.41	Infection Risk
07/21	87.3	67.2	15.0	2.21	Infection Risk
07/22	84.5	64.5	11.5	2.45	Infection Risk
07/23	75.7	59.6	19.8	3.62	Infection Risk
07/24	91.8	70.5	15.5	6.14	Infection Risk
07/25	88.7	70.3	11.8	7.42	Infection Risk
07/26	83.8	58.2	8.5	1.33	Infection Risk
07/27	88.3	55.5	12.0	1.25	Infection Risk
07/28	85.6	58.3	8.8	1.67	Infection Risk
07/29	75.9	74.3		0.00	

Griswold CT Botrytis - Grape From 2010-07-14 To 2010-07-29

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
07/14	80.6	70.3	19.3	13.8	1.84	High Infection Risk
07/15	81.0	68.4	12.0	8.8	0.34	Low Infection Risk
07/16	87.4	66.3	10.5	9.5	0.00	
07/17	91.2	70.5	7.0	6.3	0.00	
07/18	92.3	67.2	8.0	3.8	0.00	
07/19	81.7	61.8	15.0	13.0	1.03	High Infection Risk
07/20	85.1	66.7	12.8	10.3	0.53	Moderate Infection Risk
07/21	87.3	67.2	15.0	14.8	1.18	High Infection Risk
07/22	84.5	64.5	11.5	8.3	0.24	Low Infection Risk
07/23	75.7	59.6	19.8	14.8	2.15	High Infection Risk
07/24	91.8	70.5	15.5	13.8	1.00	High Infection Risk
07/25	88.7	70.3	11.8	8.8	0.12	Low Infection Risk
07/26	83.8	58.2	8.5	1.5	0.00	
07/27	88.3	55.5	12.0	5.8	0.00	
07/28	85.6	58.3	8.8	7.3	0.00	
07/29	75.9	74.3			0.00	

Griswold CT Downy Mildew - Grape From 2010-07-14 To 2010-07-29

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
07/14	80.6	0.0	0.17	19.3	10.5	9.8	1	Primary Infection
07/15	81.0	>min		12.0	6.3	6.3	3	High Risk of Infection
07/16	87.4	>min		10.5	8.5	8.5	3	High Risk of Infection
07/17	91.2	>min		7.0	6.3	6.3	3	High Risk of Infection
07/18	92.3	>min		8.0	2.3	2.3	3	High Risk of Infection
07/19	81.7	>min	1.05	15.0	11.5	6.0	3	High Risk of Infection
07/20	85.1	>min		12.8	9.5	9.5	3	High Risk of Infection
07/21	87.3	>min	0.58	15.0	13.3	13.3	3	High Risk of Infection
07/22	84.5	>min	0.01	11.5	7.3	6.8	3	High Risk of Infection
07/23	75.7	>min	0.42	19.8	13.3	6.0	3	High Risk of Infection
07/24	91.8	>min	0.51	15.5	12.5	11.8	3	High Risk of Infection
07/25	88.7	>min	0.18	11.8	8.0	8.0	3	High Risk of Infection
07/26	83.8	>min		8.5	1.3	0.0	1	Possible Infection
07/27	88.3	>min		12.0	4.8	0.0	1	Possible Infection
07/28	85.6	>min		8.8	7.0	0.0	1	Possible Infection
07/29	75.9	>min			0.0	0.0	0	

Griswold CT Powdery Mildew - Grape From 2010-07-14 To 2010-07-29

Date	Temperature High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
07/14	80.6	75.4	24.0	0.0	17.5	Heavy	
07/15	81.0	73.4	16.0	0.0	11.8	Heavy	
07/16	87.4	76.3	14.3	0.0	10.5		60 Heavy
07/17	91.2	80.5	10.3	0.0	7.0		80 Heavy
07/18	92.3	79.8	8.8	0.0	8.0		100 Heavy
07/19	81.7	72.1	14.3	0.0	15.0	Heavy	100 Heavy
07/20	85.1	75.9	17.5	0.0	12.8	Heavy	100 Heavy
07/21	87.3	74.4	5.3	0.0	15.0	Heavy	90 Heavy
07/22	84.5	74.1	18.0	0.0	11.5	Heavy	100 Heavy
07/23	75.7	68.4	6.3	0.0	19.8	Heavy	100 Heavy
07/24	91.8	78.6	23.3	0.0	15.5	Heavy	100 Heavy
07/25	88.7	78.3	20.3	0.0	11.5	Heavy	100 Heavy
07/26	83.8	72.0	12.8	0.0	7.8		100 Heavy
07/27	88.3	72.3	5.5	0.0	12.0		90 Heavy
07/28	85.6	74.0	15.5	0.0	8.8		100 Heavy
07/29	75.9	75.1	7.0	0.0	0.0		100 Heavy

Griswold CT Phomopsis Cane+Leaf Spot - Grape From 2010-07-14 To 2010-07-29

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
07/14	75.4	21.0	0.17	17.3	76.1	64 Moderate	111 High
07/15	73.4	13.0	0.00	0.0	0.0	0	0
07/16	76.3	11.5	0.00	0.0	0.0	0	0
07/17	80.5	7.3	0.00	0.0	0.0	0	0
07/18	79.8	8.0	0.00	0.0	0.0	0	0
07/19	72.1	15.8	1.05	3.5	69.7	9 Light	25 Light
07/20	75.9	12.8	0.00	0.0	0.0	0	0
07/21	74.4	15.3	0.58	6.3	70.6	21 Light	45 Moderate
07/22	74.1	12.0	0.01	14.3	69.5	70 Moderate	107 High
07/23	68.4	20.0	0.42	10.3	70.4	42 Moderate	75 Moderate
07/24	78.6	15.5	0.51	21.3	72.0	112 High	157 High
07/25	78.3	11.8	0.18	5.8	75.4	14 Light	36 Moderate
07/26	72.0	8.5	0.00	0.0	0.0	0	0
07/27	72.3	12.0	0.00	0.0	0.0	0	0
07/28	74.0	8.8	0.00	0.0	0.0	0	0
07/29	75.1	0.3	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