

Griswold CT Black Rot - Grape From 2010-07-22 To 2010-08-05

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
07/22	84.5	64.5	11.5	1.37	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	87.4	63.2	4.8	0.59	
07/30	82.6	55.1	11.5	1.36	Infection Risk
07/31	82.5	53.1	12.0	1.23	Infection Risk
08/01	80.0	54.5	11.8	1.29	Infection Risk
08/02	79.8	55.3	7.8	0.99	
08/03	81.9	61.8	7.3	1.11	Infection Risk
08/04	86.0	72.1		0.00	
08/05	76.1	75.0	5.3	0.83	

Griswold CT Botrytis - Grape From 2010-07-22 To 2010-08-05

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
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	87.4	63.2	4.8	1.0	0.00	
07/30	82.6	55.1	11.5	6.3	0.00	
07/31	82.5	53.1	12.0	7.5	0.00	
08/01	80.0	54.5	11.8	7.3	0.00	
08/02	79.8	55.3	7.8	5.8	0.00	
08/03	81.9	61.8	7.3	5.3	0.00	
08/04	86.0	72.1			0.00	
08/05	76.1	75.0	5.3	4.8	0.00	

Griswold CT Downy Mildew - Grape From 2010-07-22 To 2010-08-05

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
07/22	84.5	0.0	0.01	11.5	7.3	6.8	1	Primary 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	87.4	>min		4.8	0.5	0.0	1	Possible Infection
07/30	82.6	>min		11.5	3.8	0.0	1	Possible Infection
07/31	82.5	>min		12.0	7.0	0.0	1	Possible Infection
08/01	80.0	>min		11.8	7.0	0.0	1	Possible Infection
08/02	79.8	>min		7.8	5.0	0.0	1	Possible Infection
08/03	81.9	>min		7.3	4.8	0.5	3	High Risk of Infection
08/04	86.0	>min			0.0	0.0	0	
08/05	76.1	>min		5.3	2.3	2.3	3	High Risk of Infection

Griswold CT Powdery Mildew - Grape From 2010-07-22 To 2010-08-05

Date	Temperature High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
07/22	84.5	74.1	15.0	0.0	11.5		
07/23	75.7	68.4	6.3	0.0	19.8	Heavy	
07/24	91.8	78.6	23.3	0.0	15.5	Heavy	60 Heavy
07/25	88.7	78.3	20.3	0.0	11.5	Heavy	80 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	87.4	77.3	13.0	0.0	4.0		100 Heavy
07/30	82.6	69.0	11.5	0.0	11.5		100 Heavy
07/31	82.5	67.3	10.5	0.0	11.8		100 Heavy
08/01	80.0	67.0	11.3	0.0	11.8		100 Heavy
08/02	79.8	68.6	11.8	0.0	7.5		100 Heavy
08/03	81.9	72.6	17.0	0.0	7.3		100 Heavy
08/04	86.0	78.0	23.8	0.0	0.0		100 Heavy
08/05	76.1	75.6	8.0	0.0	3.8		100 Heavy

Griswold CT Phomopsis Cane+Leaf Spot - Grape From 2010-07-22 To 2010-08-05

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
07/22	74.1	12.0	0.01	5.0	68.2	16 Light	36 Moderate
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	77.3	5.5	0.00	0.0	0.0	0	0
07/30	69.0	11.8	0.00	0.0	0.0	0	0
07/31	67.3	12.3	0.00	0.0	0.0	0	0
08/01	67.0	12.3	0.00	0.0	0.0	0	0
08/02	68.6	8.8	0.00	0.0	0.0	0	0
08/03	72.6	9.0	0.00	0.0	0.0	0	0
08/04	78.0	3.0	0.00	0.0	0.0	0	0
08/05	75.6	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