

Griswold CT Black Rot - Grape From 2010-09-22 To 2010-10-06

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
09/22	80.7	59.8	11.8	0.91	
09/23	79.3	57.0	15.8	2.24	Infection Risk
09/24	76.0	56.2	14.8	1.49	Infection Risk
09/25	85.3	62.6	11.3	2.39	Infection Risk
09/26	73.4	53.7	8.3	1.16	Infection Risk
09/27	68.4	59.5	17.5	2.33	Infection Risk
09/28	74.2	69.4	22.0	6.15	Infection Risk
09/29	81.3	62.2	12.5	7.54	Infection Risk
09/30	78.7	62.9	11.0	2.27	Infection Risk
10/01	75.5	56.0	23.0	3.39	Infection Risk
10/02	67.7	44.2	13.3	4.12	Infection Risk
10/03	59.6	42.6	3.0	4.17	Infection Risk
10/04	62.2	50.2	10.3	0.66	
10/05	60.1	54.6	18.8	1.67	Infection Risk
10/06	59.2	58.0	9.0	2.54	Infection Risk

Griswold CT Botrytis - Grape From 2010-09-22 To 2010-10-06

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
09/22	80.7	59.8	11.8	3.0	0.19	Low Infection Risk
09/23	79.3	57.0	15.8	10.0	0.92	Moderate Infection Risk
09/24	76.0	56.2	14.8	12.8	0.72	Moderate Infection Risk
09/25	85.3	62.6	11.3	0.8	0.17	Low Infection Risk
09/26	73.4	53.7	8.3	5.8	0.00	
09/27	68.4	59.5	17.5	13.3	1.52	High Infection Risk
09/28	74.2	69.4	22.0	16.3	2.84	High Infection Risk
09/29	81.3	62.2	12.5	9.5	0.52	Moderate Infection Risk
09/30	78.7	62.9	11.0	9.0	0.05	Low Infection Risk
10/01	75.5	56.0	23.0	11.0	2.71	High Infection Risk
10/02	67.7	44.2	16.3	12.0	1.00	High Infection Risk
10/03	59.6	42.6	11.0	2.5	0.00	
10/04	62.2	50.2	10.3	2.3	0.00	
10/05	60.1	54.6	18.8	15.3	1.54	High Infection Risk
10/06	59.2	58.0	9.0	9.0	0.00	

Griswold CT Downy Mildew - Grape From 2010-09-22 To 2010-10-06

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
09/22	80.7	0.0	0.03	11.8	1.5	1.5	1	Primary Infection
09/23	79.3	>min		15.8	9.0	1.8	3	High Risk of Infection
09/24	76.0	>min		14.8	10.5	3.3	3	High Risk of Infection
09/25	85.3	>min		11.3	0.0	0.0	0	
09/26	73.4	>min		8.3	4.5	0.0	1	Possible Infection
09/27	68.4	>min	0.01	17.5	10.0	2.3	3	High Risk of Infection
09/28	74.2	>min	1.62	22.0	13.0	13.0	3	High Risk of Infection
09/29	81.3	>min		12.5	4.0	1.3	3	High Risk of Infection
09/30	78.7	>min	0.18	11.0	8.5	4.5	3	High Risk of Infection
10/01	75.5	>min	0.86	23.0	8.3	3.8	3	High Risk of Infection
10/02	67.7	>min		16.3	8.0	0.0	1	Possible Infection
10/03	59.6	>min	0.01	10.3	1.8	0.0	1	Possible Infection
10/04	62.2	>min	0.18	10.3	0.3	0.0	0	
10/05	60.1	>min	0.13	18.8	12.8	0.0	1	Possible Infection
10/06	59.2	>min	0.41	9.0	9.0	0.0	1	Possible Infection

Griswold CT Powdery Mildew - Grape From 2010-09-22 To 2010-10-06

Date	Temperature High	Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
09/22	80.7	70.0	10.0	0.0	11.5		
09/23	79.3	66.1	7.0	0.0	15.3	Heavy	
09/24	76.0	67.3	9.3	0.0	14.5	Heavy	60 Heavy
09/25	85.3	74.8	17.8	0.0	10.8	Heavy	80 Heavy
09/26	73.4	62.9	5.3	0.0	8.3		70 Heavy
09/27	68.4	63.3	0.0	0.0	16.8	Heavy	60 Heavy
09/28	74.2	71.5	22.8	0.0	20.5	Heavy	80 Heavy
09/29	81.3	71.3	12.8	0.0	12.5	Heavy	100 Heavy
09/30	78.7	72.2	17.0	0.0	10.0	Heavy	100 Heavy
10/01	75.5	68.2	11.3	0.0	20.3	Heavy	100 Heavy
10/02	67.7	55.2	0.0	0.0	16.3	Heavy	90 Heavy
10/03	59.6	51.5	0.0	0.0	10.5	Heavy	80 Heavy
10/04	62.2	55.6	0.0	0.0	10.3		70 Heavy
10/05	60.1	57.7	0.0	0.0	18.8	Heavy	60 Heavy
10/06	59.2	58.8	0.0	0.0	9.0	Heavy	50 Medium

Griswold CT Phomopsis Cane+Leaf Spot - Grape From 2010-09-22 To 2010-10-06

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
09/22	70.0	12.5	0.03	1.5	68.4	3 Light	10 Light
09/23	66.1	15.8	0.00	12.0	64.2	60 Moderate	89 Moderate
09/24	67.3	15.5	0.00	0.0	0.0	0	0
09/25	74.8	12.0	0.00	0.0	0.0	0	0
09/26	62.9	8.5	0.00	0.0	0.0	0	0
09/27	63.3	23.0	0.01	5.5	61.1	19 Light	37 Moderate
09/28	71.5	23.0	1.62	32.0	71.5	206 High	242 High
09/29	71.3	14.0	0.00	30.5	70.9	198 High	233 High
09/30	72.2	17.3	0.18	4.8	72.8	13 Light	32 Moderate
10/01	68.2	24.0	0.86	12.8	62.5	65 Moderate	92 High
10/02	55.2	16.3	0.00	23.0	58.0	137 High	146 High
10/03	51.5	11.0	0.01	0.3	51.2	0 Light	1 Light
10/04	55.6	16.3	0.18	10.5	52.4	30 Moderate	44 Moderate
10/05	57.7	23.5	0.13	8.0	56.5	28 Light	45 Moderate
10/06	58.8	9.0	0.41	8.3	58.9	33 Moderate	52 Moderate

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