

Griswold CT Black Rot - Grape From 2010-09-01 To 2010-09-15

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
09/01	94.3	63.7	14.3	1.49	Infection Risk
09/02	90.8	64.2	13.3	2.20	Infection Risk
09/03	82.6	65.7	21.3	4.19	Infection Risk
09/04	79.8	64.0	8.5	5.65	Infection Risk
09/05	73.1	50.4	7.8	0.34	
09/06	75.5	44.6	9.8	0.70	
09/07	80.9	56.7	10.0	1.39	Infection Risk
09/08	84.6	60.4	4.0	0.90	
09/09	70.3	51.8	5.8	0.39	
09/10	69.9	55.1	2.8	0.22	
09/11	76.6	46.6	12.0	0.39	
09/12	66.5	45.9	7.5	0.69	
09/13	65.5	55.8	12.3	0.72	
09/14	78.9	47.4	10.5	1.04	Infection Risk
09/15	59.1	41.7	1.8	0.22	

Griswold CT Botrytis - Grape From 2010-09-01 To 2010-09-15

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
09/01	94.3	63.7	14.3	9.0	0.83	Moderate Infection Risk
09/02	90.8	64.2	13.3	7.8	0.63	Moderate Infection Risk
09/03	82.6	65.7	21.3	18.5	2.43	High Infection Risk
09/04	79.8	64.0	8.5	6.3	0.00	
09/05	73.1	50.4	7.8	2.8	0.00	
09/06	75.5	44.6	15.3	10.5	0.03	Low Infection Risk
09/07	80.9	56.7	10.0	8.0	0.00	
09/08	84.6	60.4	4.0	1.5	0.00	
09/09	70.3	51.8	5.8	1.8	0.00	
09/10	69.9	55.1	2.8		0.00	
09/11	76.6	46.6	13.8	9.3	0.00	
09/12	66.5	45.9	11.0	8.5	0.00	
09/13	65.5	55.8	12.3	8.3	0.00	
09/14	78.9	47.4	10.8	8.5	0.00	
09/15	59.1	41.7	9.0	7.5	0.00	

Griswold CT Downy Mildew - Grape From 2010-09-01 To 2010-09-15

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
09/01	94.3	0.0		14.3	8.3	4.3	1	Primary Infection
09/02	90.8	>min		13.3	7.8	4.5	3	High Risk of Infection
09/03	82.6	>min	1.37	21.3	15.8	14.8	3	High Risk of Infection
09/04	79.8	>min	0.01	8.5	5.3	5.3	3	High Risk of Infection
09/05	73.1	>min		7.8	1.5	0.0	1	Possible Infection
09/06	75.5	>min		15.3	9.5	0.0	1	Possible Infection
09/07	80.9	>min		10.0	7.8	0.3	1	Possible Infection
09/08	84.6	>min		4.0	1.0	1.0	3	High Risk of Infection
09/09	70.3	>min		5.8	0.5	0.0	1	Possible Infection
09/10	69.9	>min		2.8	0.0	0.0	0	
09/11	76.6	>min		13.8	7.3	0.0	1	Possible Infection
09/12	66.5	>min		11.0	8.3	0.0	1	Possible Infection
09/13	65.5	>min		12.3	3.8	0.0	1	Possible Infection
09/14	78.9	>min		10.8	8.3	0.0	1	Possible Infection
09/15	59.1	>min		6.8	4.5	0.0	1	Possible Infection

Griswold CT Powdery Mildew - Grape From 2010-09-01 To 2010-09-15

Date	Temperature High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
09/01	94.3	77.6	4.0	0.0	14.3		
09/02	90.8	76.7	8.3	0.0	13.0	Heavy	
09/03	82.6	72.9	15.8	0.0	21.3	Heavy	
09/04	79.8	72.9	17.5	0.0	8.5	Heavy	60 Heavy
09/05	73.1	62.4	7.3	0.0	7.8		80 Heavy
09/06	75.5	60.3	8.0	0.0	15.0		100 Heavy
09/07	80.9	69.5	11.8	0.0	9.5	Heavy	100 Heavy
09/08	84.6	72.6	14.8	0.0	2.8		100 Heavy
09/09	70.3	62.3	0.3	0.0	5.8		90 Heavy
09/10	69.9	61.7	0.0	0.0	1.8		80 Heavy
09/11	76.6	60.6	7.3	0.0	13.8		100 Heavy
09/12	66.5	57.2	0.0	0.0	10.8		90 Heavy
09/13	65.5	59.7	0.0	0.0	12.0		80 Heavy
09/14	78.9	63.5	8.5	0.0	10.8		100 Heavy
09/15	59.1	46.0	0.0	0.0	8.8		90 Heavy

Griswold CT Phomopsis Cane+Leaf Spot - Grape From 2010-09-01 To 2010-09-15

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
09/01	77.6	14.5	0.00	0.0	0.0	0	0
09/02	76.7	13.5	0.00	0.0	0.0	0	0
09/03	72.9	21.3	1.37	12.3	75.4	42 Moderate	80 Moderate
09/04	72.9	8.8	0.01	21.0	73.9	99 High	147 High
09/05	62.4	7.8	0.00	0.0	0.0	0	0
09/06	60.3	15.5	0.00	0.0	0.0	0	0
09/07	69.5	12.3	0.00	0.0	0.0	0	0
09/08	72.6	8.0	0.00	0.0	0.0	0	0
09/09	62.3	6.0	0.00	0.0	0.0	0	0
09/10	61.7	3.8	0.00	0.0	0.0	0	0
09/11	60.6	13.8	0.00	0.0	0.0	0	0
09/12	57.2	13.8	0.00	0.0	0.0	0	0
09/13	59.7	12.8	0.00	0.0	0.0	0	0
09/14	63.5	11.3	0.00	0.0	0.0	0	0
09/15	46.0	9.0	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