

Griswold, CT Black Rot - Grape From 2009-05-01 To 2009-05-15

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
05/01	64.8	54.0	23.8	2.24	Infection Risk
05/02	68.2	50.2	11.8	3.16	Infection Risk
05/03	62.8	42.2	11.8	0.59	
05/04	62.1	48.4	15.0	1.38	Infection Risk
05/05	54.2	47.6	14.3	2.08	Infection Risk
05/06	69.4	46.0	4.8	2.19	Infection Risk
05/07	69.4	49.4	15.0	1.35	Infection Risk
05/08	70.4	48.2	22.0	3.11	Infection Risk
05/09	73.2	55.8	6.8	0.53	
05/10	68.8	54.2	12.3	1.51	Infection Risk
05/11	65.5	57.0	3.0	0.35	
05/12	67.5	46.6		0.00	
05/13	65.8	39.5		0.00	
05/14	65.3	39.2	0.8	0.04	
05/15	55.7	54.7	4.5	0.33	

Griswold, CT Botrytis - Grape From 2009-05-01 To 2009-05-15

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
05/01	64.8	54.0	23.8	11.8	2.65	High Infection Risk
05/02	68.2	50.2	11.8	5.3	0.00	
05/03	62.8	42.2	18.0	9.0	1.26	High Infection Risk
05/04	62.1	48.4	15.0	11.8	0.00	
05/05	54.2	47.6	14.5	2.5	0.00	
05/06	69.4	46.0	12.5	9.8	0.00	
05/07	69.4	49.4	15.0	14.3	0.37	Low Infection Risk
05/08	70.4	48.2	22.0	19.3	2.09	High Infection Risk
05/09	73.2	55.8	6.8	1.0	0.00	
05/10	68.8	54.2	12.3	10.8	0.00	
05/11	65.5	57.0	3.0	0.8	0.00	
05/12	67.5	46.6			0.00	
05/13	65.8	39.5			0.00	
05/14	65.3	39.2	11.8	4.0	0.00	
05/15	55.7	54.7	4.5	0.5	0.00	

Griswold, CT Downy Mildew - Grape From 2009-05-01 To 2009-05-15

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
05/01	64.8	0.0	0.02	23.8	4.0	0.0	1	Primary Infection
05/02	68.2	>min	0.05	11.8	4.8	0.0	1	Possible Infection
05/03	62.8	>min	0.11	17.0	5.5	0.0	1	Possible Infection
05/04	62.1	>min	0.01	15.0	9.0	0.0	1	Possible Infection
05/05	54.2	>min	0.24	14.5	0.0	0.0	0	
05/06	69.4	>min	0.38	12.5	6.3	0.0	1	Possible Infection
05/07	69.4	>min	0.54	15.0	11.8	0.0	1	Possible Infection
05/08	70.4	>min	0.01	22.0	19.3	0.0	1	Possible Infection
05/09	73.2	>min		6.8	0.0	0.0	0	
05/10	68.8	>min	0.14	12.3	9.3	0.0	1	Possible Infection
05/11	65.5	>min		3.0	0.5	0.0	1	Possible Infection
05/12	67.5	>min			0.0	0.0	0	
05/13	65.8	>min			0.0	0.0	0	
05/14	65.3	>min		5.5	0.0	0.0	0	
05/15	55.7	>min	0.01	4.5	0.5	0.0	1	Possible Infection

Griswold, CT Powdery Mildew - Grape From 2009-05-01 To 2009-05-15

Date	Temperature High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
05/01	64.8	58.1	0.0	0.0	23.5	Heavy	
05/02	68.2	58.9	0.0	0.0	11.5	Heavy	
05/03	62.8	51.2	0.0	0.0	18.0		
05/04	62.1	53.5	0.0	0.0	14.8	Heavy	
05/05	54.2	51.3	0.0	0.0	13.5	Heavy	
05/06	69.4	53.6	0.0	0.0	12.5	Heavy	
05/07	69.4	58.5	0.0	0.0	14.5	Heavy	
05/08	70.4	57.1	0.5	0.0	22.0	Heavy	
05/09	73.2	64.1	4.5	0.0	6.0		
05/10	68.8	61.7	0.0	0.0	12.3	Heavy	
05/11	65.5	60.8	0.0	0.0	3.0		
05/12	67.5	58.0	0.0	0.0	0.0		
05/13	65.8	55.1	0.0	0.0	0.0		
05/14	65.3	48.0	0.0	0.0	13.8		
05/15	55.7	55.0	0.0	0.0	4.5		

Leaf Wetness Sensor Parameters:

Base Temperature 0.0
 Upper Temperature 100.0
 Wetness Threshold 6.0

Griswold, CT Phomopsis Cane+Leaf Spot - Grape From 2009-05-01 To 2009-05-15

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Disease Intensity Catawba	Seyval
05/01	58.1	23.8	0.02	7.5	60.5	30 Light	50 Moderate
05/02	58.9	12.8	0.05	16.3	58.5	85 Moderate	104 High
05/03	51.2	18.0	0.11	8.5	50.2	17 Light	28 Light
05/04	53.5	16.0	0.01	21.3	50.1	63 Moderate	71 Moderate
05/05	51.3	17.3	0.24	17.3	51.5	56 Moderate	68 Moderate
05/06	53.6	12.5	0.38	10.0	47.7	14 Light	22 Light
05/07	58.5	16.0	0.54	12.3	56.3	51 Moderate	70 Moderate
05/08	57.1	22.5	0.01	23.3	56.3	128 High	135 High
05/09	64.1	9.3	0.00	0.0	0.0	0	0
05/10	61.7	12.5	0.14	10.5	57.0	43 Moderate	62 Moderate
05/11	60.8	3.0	0.00	0.0	0.0	0	0
05/12	58.0	0.0	0.00	0.0	0.0	0	0
05/13	55.1	0.0	0.00	0.0	0.0	0	0
05/14	48.0	10.0	0.00	0.0	0.0	0	0
05/15	55.0	5.0	0.01	2.8	53.2	5 Light	12 Light

Leaf Wetness Sensor Parameters:

Base Temperature 41.0
 Upper Temperature 95.9
 Wetness Threshold 3.0

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