

Griswold CT Black Rot - Grape From 2010-06-01 To 2010-06-17

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
06/01	82.3	61.2	14.0	2.23	Infection Risk
06/02	83.0	60.0	10.0	3.22	Infection Risk
06/03	80.7	61.1	10.5	1.20	Infection Risk
06/04	86.5	64.5	11.3	1.81	Infection Risk
06/05	85.6	64.6	9.5	2.06	Infection Risk
06/06	81.5	60.4	7.3	0.98	
06/07	76.4	49.2	6.0	0.18	
06/08	72.3	43.1	6.0	0.47	
06/09	67.0	42.3	7.5	0.56	
06/10	70.4	54.5	14.5	1.63	Infection Risk
06/11	67.0	52.5	12.0	2.31	Infection Risk
06/12	72.2	51.9	17.8	2.24	Infection Risk
06/13	69.4	61.2	8.8	3.33	Infection Risk
06/14	78.9	60.6	4.0	0.58	
06/15	81.5	53.5	11.0	1.30	Infection Risk
06/16	75.5	50.0	9.3	0.72	
06/17	73.1	66.6	7.8	1.54	Infection Risk

Griswold CT Downy Mildew - Grape From 2010-06-01 To 2010-06-17

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
06/01	82.3	0.0	0.15	14.0	10.5	4.8	1	Primary Infection
06/02	83.0	>min		10.0	9.0	0.5	3	High Risk of Infection
06/03	80.7	>min	0.06	10.5	12.0	3.0	3	High Risk of Infection
06/04	86.5	>min		11.3	7.8	4.5	3	High Risk of Infection
06/05	85.6	>min	0.64	9.5	8.3	3.5	3	High Risk of Infection
06/06	81.5	>min	0.04	7.3	1.5	1.5	3	High Risk of Infection
06/07	76.4	>min		6.0	0.0	0.0	0	
06/08	72.3	>min	0.11	12.0	5.0	0.0	1	Possible Infection
06/09	67.0	>min	0.16	13.5	9.0	0.0	1	Possible Infection
06/10	70.4	>min	0.27	14.5	12.5	0.0	1	Possible Infection
06/11	67.0	>min	0.01	12.0	8.5	0.0	1	Possible Infection
06/12	72.2	>min	1.26	17.8	10.3	0.0	1	Possible Infection
06/13	69.4	>min	0.59	8.8	10.0	0.3	1	Possible Infection
06/14	78.9	>min		4.0	5.5	0.0	1	Possible Infection
06/15	81.5	>min		11.0	6.3	0.0	1	Possible Infection
06/16	75.5	>min	0.05	9.3	8.5	0.8	3	High Risk of Infection
06/17	73.1	>min	0.02	7.8	6.8	6.8	3	High Risk of Infection

Griswold CT Powdery Mildew - Grape From 2010-06-01 To 2010-06-17

Date	Temperature High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
06/01	82.3	70.0	11.0	0.0	13.8	Heavy	
06/02	83.0	70.2	11.0	0.0	9.0	Heavy	
06/03	80.7	68.9	10.8	0.0	10.5		60 Heavy
06/04	86.5	73.0	11.8	0.0	11.0		80 Heavy
06/05	85.6	74.1	14.3	0.0	9.5	Heavy	100 Heavy
06/06	81.5	72.6	14.5	0.0	6.8		100 Heavy
06/07	76.4	63.1	7.8	0.0	6.0		100 Heavy
06/08	72.3	57.3	0.3	0.0	11.8		90 Heavy
06/09	67.0	55.5	0.0	0.0	14.0	Heavy	80 Heavy
06/10	70.4	60.0	0.3	0.0	14.5	Heavy	70 Heavy
06/11	67.0	59.4	0.0	0.0	11.5	Heavy	60 Heavy
06/12	72.2	61.8	0.8	0.0	16.8	Heavy	50 Medium
06/13	69.4	64.2	0.0	0.0	8.8	Heavy	40 Medium
06/14	78.9	67.3	8.3	0.0	4.0		60 Heavy
06/15	81.5	66.2	9.8	0.0	11.0		80 Heavy
06/16	75.5	63.5	6.0	0.0	9.3		100 Heavy
06/17	73.1	68.6	2.3	0.0	7.8		90 Heavy

Griswold CT Phomopsis Cane+Leaf Spot - Grape From 2010-06-01 To 2010-06-17

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Disease Catawba	Intensity Seyval
06/01	70.0	14.8	0.15	9.0	69.5	36 Moderate	66 Moderate
06/02	70.2	12.3	0.00	17.3	66.3	99 High	132 High
06/03	68.9	10.8	0.06	3.0	68.8	8 Light	21 Light
06/04	73.0	11.5	0.00	10.8	67.2	50 Moderate	81 Moderate
06/05	74.1	9.5	0.64	2.8	68.2	7 Light	20 Light
06/06	72.6	7.3	0.04	1.5	73.1	2 Light	10 Light
06/07	63.1	6.3	0.00	0.0	0.0	0	0
06/08	57.3	12.3	0.11	0.8	57.5	1 Light	4 Light
06/09	55.5	14.5	0.16	5.8	55.4	16 Light	30 Light
06/10	60.0	15.3	0.27	19.5	56.2	99 High	112 High
06/11	59.4	12.3	0.01	12.8	57.9	58 Moderate	79 Moderate
06/12	61.8	18.8	1.26	11.3	63.2	55 Moderate	82 Moderate
06/13	64.2	9.0	0.59	20.3	62.7	127 High	149 High
06/14	67.3	5.5	0.00	0.0	0.0	0	0
06/15	66.2	11.0	0.00	0.0	0.0	0	0
06/16	63.5	9.5	0.05	1.5	65.9	3 Light	10 Light
06/17	68.6	7.8	0.02	9.3	67.6	40 Moderate	69 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