

Windsor CT Black Rot - Grape From 2010-06-23 To 2010-07-08

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
06/23	88.4	66.9	11.5	1.40	Infection Risk
06/24	89.4	67.2	8.3	1.96	Infection Risk
06/25	87.0	62.8	5.0	2.66	Infection Risk
06/26	86.3	61.7	8.3	1.19	Infection Risk
06/27	89.0	63.9	9.8	0.86	
06/28	91.7	72.3	9.3	2.03	Infection Risk
06/29	88.7	66.1	6.8	1.52	Infection Risk
06/30	77.2	53.5	2.3	0.15	
07/01	74.9	50.8	4.5	0.25	
07/02	81.8	50.7	7.5	0.46	
07/03	88.1	54.8	9.5	0.72	
07/04	93.2	59.5	8.0	1.22	Infection Risk
07/05	97.8	63.2	5.8	1.00	
07/06	101.9	73.3	6.5	1.05	Infection Risk
07/07	98.9	74.4	3.5	0.55	
07/08	78.0	72.6	3.5	0.58	

Windsor CT Botrytis - Grape From 2010-06-23 To 2010-07-08

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
06/23	88.4	66.9	11.5	7.5	0.23	Low Infection Risk
06/24	89.4	67.2	8.3	5.8	0.00	
06/25	87.0	62.8	5.0	1.0	0.00	
06/26	86.3	61.7	8.3	5.3	0.00	
06/27	89.0	63.9	9.8	3.8	0.00	
06/28	91.7	72.3	9.3	6.0	0.00	
06/29	88.7	66.1	6.8	5.8	0.00	
06/30	77.2	53.5	2.3		0.00	
07/01	74.9	50.8	4.5		0.00	
07/02	81.8	50.7	7.5	2.3	0.00	
07/03	88.1	54.8	9.5	4.0	0.00	
07/04	93.2	59.5	8.0	2.8	0.00	
07/05	97.8	63.2	5.8	0.3	0.00	
07/06	101.9	73.3	6.5		0.00	
07/07	98.9	74.4	3.5		0.00	
07/08	78.0	72.6	3.5		0.00	

Windsor CT Downy Mildew - Grape From 2010-06-23 To 2010-07-08

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours >95%RH 43-86	66-77	Risk	Warning
06/23	88.4	0.0	0.52	11.5	7.5	7.5	1	Primary Infection
06/24	89.4	>min	0.10	8.3	4.5	4.5	3	High Risk of Infection
06/25	87.0	>min		5.0	0.5	0.0	1	Possible Infection
06/26	86.3	>min		8.3	5.0	0.0	1	Possible Infection
06/27	89.0	>min	0.05	9.8	3.3	3.3	3	High Risk of Infection
06/28	91.7	>min		9.3	5.8	5.8	3	High Risk of Infection
06/29	88.7	>min		6.8	5.0	5.0	3	High Risk of Infection
06/30	77.2	>min		2.3	0.0	0.0	0	
07/01	74.9	>min		4.5	0.0	0.0	0	
07/02	81.8	>min		7.5	1.8	0.0	1	Possible Infection
07/03	88.1	>min		9.5	3.3	0.0	1	Possible Infection
07/04	93.2	>min		8.0	2.3	0.0	1	Possible Infection
07/05	97.8	>min		5.8	0.0	0.0	0	
07/06	101.9	>min		6.5	0.0	0.0	0	
07/07	98.9	>min		3.5	0.0	0.0	0	
07/08	78.0	>min		3.5	0.0	0.0	0	

Windsor CT Powdery Mildew - Grape From 2010-06-23 To 2010-07-08

Date	Temperature High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
06/23	88.4	76.5	7.0	0.0	11.5		
06/24	89.4	77.1	11.0	0.0	8.0		
06/25	87.0	74.7	15.0	0.0	5.0	Heavy	60 Heavy
06/26	86.3	72.5	12.3	0.0	8.3		80 Heavy
06/27	89.0	75.9	11.3	0.0	9.5		100 Heavy
06/28	91.7	80.5	16.3	0.0	9.0		100 Heavy
06/29	88.7	77.9	17.5	0.0	6.8		100 Heavy
06/30	77.2	66.5	9.3	0.0	2.3		100 Heavy
07/01	74.9	64.0	5.8	0.0	4.5		90 Heavy
07/02	81.8	67.5	11.8	0.0	7.5		100 Heavy
07/03	88.1	72.5	5.8	0.0	9.3		90 Heavy
07/04	93.2	77.4	4.3	0.0	8.0		80 Heavy
07/05	97.8	82.5	3.8	4.5	5.8		70 Heavy
07/06	101.9	87.5	11.3	8.3	6.5		80 Heavy
07/07	98.9	84.7	13.3	4.5	3.0		90 Heavy
07/08	78.0	75.5	12.8	0.0	3.5		100 Heavy

Windsor CT Phomopsis Cane+Leaf Spot - Grape From 2010-06-23 To 2010-07-08

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
06/23	76.5	11.5	0.52	8.3	68.8	33 Moderate	61 Moderate
06/24	77.1	8.8	0.10	1.0	74.8	1 Light	6 Light
06/25	74.7	5.0	0.00	0.0	0.0	0	0
06/26	72.5	9.3	0.00	0.0	0.0	0	0
06/27	75.9	10.0	0.05	4.8	74.6	11 Light	31 Moderate
06/28	80.5	10.0	0.00	12.0	74.0	44 Moderate	82 Moderate
06/29	77.9	7.3	0.00	0.0	0.0	0	0
06/30	66.5	2.5	0.00	0.0	0.0	0	0
07/01	64.0	5.0	0.00	0.0	0.0	0	0
07/02	67.5	8.0	0.00	0.0	0.0	0	0
07/03	72.5	10.0	0.00	0.0	0.0	0	0
07/04	77.4	8.8	0.00	0.0	0.0	0	0
07/05	82.5	6.0	0.00	0.0	0.0	0	0
07/06	87.5	7.3	0.00	0.0	0.0	0	0
07/07	84.7	4.5	0.00	0.0	0.0	0	0
07/08	75.5	5.3	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