

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

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
06/01	84.0	63.3	9.0	1.50	Infection Risk
06/02	84.8	60.2	8.0	2.52	Infection Risk
06/03	82.4	65.6	11.3	1.85	Infection Risk
06/04	88.6	63.1	8.0	2.85	Infection Risk
06/05	87.3	67.1	8.5	1.66	Infection Risk
06/06	83.3	58.9	9.5	1.64	Infection Risk
06/07	75.0	53.8		0.00	
06/08	71.9	47.3	4.0	0.11	
06/09	63.3	46.0	13.5	0.99	
06/10	71.2	54.8	17.8	2.74	Infection Risk
06/11	73.1	57.7	8.0	3.47	Infection Risk
06/12	67.6	59.8	9.0	1.31	Infection Risk
06/13	68.0	62.1	8.8	2.45	Infection Risk
06/14	78.5	62.0		0.00	
06/15	83.4	57.0	2.3	0.20	
06/16	74.8	51.6	8.3	0.75	
06/17	70.5	64.6	6.0	0.99	

Windsor 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	84.0	0.0	1.07	9.0	5.8	5.0	1	Primary Infection
06/02	84.8	>min		8.0	7.8	0.3	1	Possible Infection
06/03	82.4	>min	0.16	11.3	0.3	0.3	0	
06/04	88.6	>min	0.23	8.0	5.0	0.5	3	High Risk of Infection
06/05	87.3	>min	0.02	8.5	8.0	8.0	3	High Risk of Infection
06/06	83.3	>min	0.25	9.5	3.5	3.5	3	High Risk of Infection
06/07	75.0	>min			0.0	0.0	0	
06/08	71.9	>min		4.3	0.0	0.0	0	
06/09	63.3	>min	0.22	16.5	8.0	0.0	1	Possible Infection
06/10	71.2	>min	0.18	17.8	15.0	0.0	1	Possible Infection
06/11	73.1	>min		8.0	6.8	0.0	1	Possible Infection
06/12	67.6	>min	0.76	9.0	7.0	0.0	1	Possible Infection
06/13	68.0	>min	0.30	8.8	9.0	0.0	1	Possible Infection
06/14	78.5	>min			1.3	0.0	1	Possible Infection
06/15	83.4	>min		2.3	0.0	0.0	0	
06/16	74.8	>min		8.3	2.5	0.0	1	Possible Infection
06/17	70.5	>min		6.0	3.3	1.8	3	High Risk of Infection

Windsor 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	84.0	69.9	8.3	0.0	9.0		
06/02	84.8	72.5	14.0	0.0	8.0	Heavy	
06/03	82.4	72.1	12.5	0.0	10.5		60 Heavy
06/04	88.6	74.7	13.3	0.0	8.0	Heavy	80 Heavy
06/05	87.3	76.3	14.8	0.0	8.3		100 Heavy
06/06	83.3	71.6	13.3	0.0	9.3		100 Heavy
06/07	75.0	64.4	7.3	0.0	0.0		100 Heavy
06/08	71.9	61.2	0.8	0.0	3.8		90 Heavy
06/09	63.3	55.6	0.0	0.0	16.5	Heavy	80 Heavy
06/10	71.2	60.7	0.8	0.0	17.8	Heavy	70 Heavy
06/11	73.1	63.4	2.0	0.0	7.8	Heavy	60 Heavy
06/12	67.6	63.6	0.0	0.0	8.8		50 Medium
06/13	68.0	64.9	0.0	0.0	8.5	Heavy	40 Medium
06/14	78.5	68.9	10.0	0.0	0.0		60 Heavy
06/15	83.4	69.3	10.3	0.0	2.3		80 Heavy
06/16	74.8	64.1	3.8	0.0	8.0		70 Heavy
06/17	70.5	67.8	0.8	0.0	6.0		60 Heavy

Windsor 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 Intensity	
						Catawba	Seyval
06/01	69.9	9.5	1.07	11.0	70.6	47 Moderate	81 Moderate
06/02	72.5	8.8	0.00	17.3	66.6	99 High	132 High
06/03	72.1	11.8	0.16	3.5	76.0	7 Light	21 Light
06/04	74.7	8.3	0.23	1.0	70.1	2 Light	7 Light
06/05	76.3	8.5	0.02	9.5	68.8	40 Moderate	71 Moderate
06/06	71.6	9.8	0.25	5.3	70.2	16 Light	38 Moderate
06/07	64.4	0.0	0.00	0.0	0.0	0	0
06/08	61.2	4.8	0.00	0.0	0.0	0	0
06/09	55.6	17.0	0.22	7.8	55.9	26 Light	42 Moderate
06/10	60.7	18.0	0.18	27.8	58.5	182 High	182 High
06/11	63.4	8.5	0.00	15.5	60.3	84 Moderate	106 High
06/12	63.6	9.0	0.76	12.0	64.4	60 Moderate	89 Moderate
06/13	64.9	8.8	0.30	17.0	63.4	99 High	126 High
06/14	68.9	0.8	0.00	0.0	0.0	0	0
06/15	69.3	2.8	0.00	0.0	0.0	0	0
06/16	64.1	8.8	0.00	0.0	0.0	0	0
06/17	67.8	7.0	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