

Windsor CT Black Rot - Grape From 2010-07-28 To 2010-08-11

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
07/28	88.5	62.3	7.8	1.14	Infection Risk
07/29	89.1	70.0	4.3	0.68	
07/30	83.2	56.8	2.8	0.25	
07/31	83.6	58.1	1.0	0.12	
08/01	83.7	57.0	7.0	0.81	
08/02	84.9	63.0	3.3	0.46	
08/03	86.3	67.5		0.00	
08/04	89.6	72.8	1.5	0.23	
08/05	90.0	71.5	17.0	2.92	Infection Risk
08/06	86.2	59.6	8.0	4.30	Infection Risk
08/07	82.1	57.6	3.5	0.32	
08/08	86.9	59.9	3.8	0.26	
08/09	93.7	70.6	7.5	1.52	Infection Risk
08/10	92.0	70.1	8.0	1.32	Infection Risk
08/11	74.9	70.3	6.0	1.06	Infection Risk

Windsor CT Botrytis - Grape From 2010-07-28 To 2010-08-11

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
07/28	88.5	62.3	7.8	4.3	0.00	
07/29	89.1	70.0	4.3	1.8	0.00	
07/30	83.2	56.8	2.8		0.00	
07/31	83.6	58.1	1.0		0.00	
08/01	83.7	57.0	7.0	4.3	0.00	
08/02	84.9	63.0	3.3	1.3	0.00	
08/03	86.3	67.5			0.00	
08/04	89.6	72.8	1.5		0.00	
08/05	90.0	71.5	17.0	9.5	1.27	High Infection Risk
08/06	86.2	59.6	8.0	7.8	0.00	
08/07	82.1	57.6	3.5		0.00	
08/08	86.9	59.9	3.8		0.00	
08/09	93.7	70.6	7.5	5.3	0.00	
08/10	92.0	70.1	8.0	5.5	0.00	
08/11	74.9	70.3	6.0	0.8	0.00	

Windsor CT Downy Mildew - Grape From 2010-07-28 To 2010-08-11

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
07/28	88.5	0.0		7.8	3.5	0.0	1	Primary Infection
07/29	89.1	>min	0.03	4.3	0.3	0.3	0	
07/30	83.2	>min		2.8	0.0	0.0	0	
07/31	83.6	>min		1.0	0.0	0.0	0	
08/01	83.7	>min		7.0	3.8	0.0	1	Possible Infection
08/02	84.9	>min		3.3	0.5	0.0	1	Possible Infection
08/03	86.3	>min			0.0	0.0	0	
08/04	89.6	>min		1.5	0.0	0.0	0	
08/05	90.0	>min	0.26	17.0	8.3	8.3	3	High Risk of Infection
08/06	86.2	>min		8.0	7.8	7.8	3	High Risk of Infection
08/07	82.1	>min		3.5	0.0	0.0	0	
08/08	86.9	>min		3.8	0.0	0.0	0	
08/09	93.7	>min		7.5	4.5	4.5	3	High Risk of Infection
08/10	92.0	>min	0.07	8.0	4.8	4.8	3	High Risk of Infection
08/11	74.9	>min		6.0	0.3	0.3	0	

Windsor CT Powdery Mildew - Grape From 2010-07-28 To 2010-08-11

Date	Temperature High	Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
07/28	88.5	77.0	5.8	0.0	7.8		
07/29	89.1	78.8	19.0	0.0	3.3		
07/30	83.2	71.4	19.0	0.0	2.8		
07/31	83.6	69.5	10.5	0.0	1.0		60 Heavy
08/01	83.7	69.3	11.0	0.0	7.0		80 Heavy
08/02	84.9	73.0	15.3	0.0	2.5		100 Heavy
08/03	86.3	75.9	17.3	0.0	0.0		100 Heavy
08/04	89.6	79.9	12.3	0.0	1.5		100 Heavy
08/05	90.0	78.1	24.0	0.0	17.0	Heavy	100 Heavy
08/06	86.2	74.9	11.0	0.0	8.0	Heavy	100 Heavy
08/07	82.1	69.2	11.3	0.0	3.5		100 Heavy
08/08	86.9	73.3	13.5	0.0	3.3		100 Heavy
08/09	93.7	81.4	10.3	0.0	7.5		100 Heavy
08/10	92.0	79.9	17.5	0.0	8.0		100 Heavy
08/11	74.9	72.5	11.8	0.0	6.0		100 Heavy

Windsor CT Phomopsis Cane+Leaf Spot - Grape From 2010-07-28 To 2010-08-11

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
07/28	77.0	7.8	0.00	0.0	0.0	0	0
07/29	78.8	7.0	0.03	1.3	75.9	2 Light	7 Light
07/30	71.4	3.0	0.00	0.0	0.0	0	0
07/31	69.5	1.3	0.00	0.0	0.0	0	0
08/01	69.3	7.3	0.00	0.0	0.0	0	0
08/02	73.0	4.8	0.00	0.0	0.0	0	0
08/03	75.9	0.0	0.00	0.0	0.0	0	0
08/04	79.9	2.0	0.00	0.0	0.0	0	0
08/05	78.1	17.3	0.26	5.5	76.9	12 Light	33 Moderate
08/06	74.9	8.0	0.00	0.0	0.0	0	0
08/07	69.2	5.5	0.00	0.0	0.0	0	0
08/08	73.3	4.8	0.00	0.0	0.0	0	0
08/09	81.4	7.8	0.00	0.0	0.0	0	0
08/10	79.9	8.3	0.07	6.5	72.2	20 Light	45 Moderate
08/11	72.5	6.8	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