

Windsor CT Black Rot - Grape From 2010-08-05 To 2010-08-19

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
08/05	90.0	71.5	17.0	2.69	Infection Risk
08/06	86.2	59.6	8.0	4.07	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	90.8	70.3	6.0	1.06	Infection Risk
08/12	80.3	66.1	7.8	0.79	
08/13	85.1	61.3	2.8	0.91	
08/14	82.9	55.9	8.0	0.72	
08/15	80.4	59.1	11.3	0.82	
08/16	82.6	66.5	12.8	2.73	Infection Risk
08/17	89.8	70.4	7.5	1.47	Infection Risk
08/18	85.2	62.2	4.3	0.47	
08/19	74.1	57.5	9.0	1.12	Infection Risk

Windsor CT Botrytis - Grape From 2010-08-05 To 2010-08-19

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
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	90.8	70.3	6.0	0.8	0.00	
08/12	80.3	66.1	7.8	3.0	0.00	
08/13	85.1	61.3	2.8		0.00	
08/14	82.9	55.9	8.0	5.5	0.00	
08/15	80.4	59.1	11.3	5.8	0.00	
08/16	82.6	66.5	12.8	10.8	0.74	Moderate Infection Risk
08/17	89.8	70.4	7.5	5.5	0.00	
08/18	85.2	62.2	4.3		0.00	
08/19	74.1	57.5	9.0	6.0	0.00	

Windsor CT Downy Mildew - Grape From 2010-08-05 To 2010-08-19

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
08/05	90.0	0.0	0.26	17.0	8.3	8.3	1	Primary 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	90.8	>min		6.0	0.3	0.3	0	
08/12	80.3	>min		7.8	2.3	2.3	3	High Risk of Infection
08/13	85.1	>min		2.8	0.0	0.0	0	
08/14	82.9	>min		8.0	5.0	0.0	1	Possible Infection
08/15	80.4	>min	0.03	11.3	3.0	1.0	3	High Risk of Infection
08/16	82.6	>min	0.04	12.8	9.5	9.5	3	High Risk of Infection
08/17	89.8	>min		7.5	4.8	4.8	3	High Risk of Infection
08/18	85.2	>min		4.3	0.0	0.0	0	
08/19	74.1	>min		9.0	5.5	0.0	1	Possible Infection

Windsor CT Powdery Mildew - Grape From 2010-08-05 To 2010-08-19

Date	Temperature High	Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
08/05	90.0	78.1	21.0	0.0	17.0	Heavy	
08/06	86.2	74.9	11.0	0.0	8.0	Heavy	
08/07	82.1	69.2	11.3	0.0	3.5		60 Heavy
08/08	86.9	73.3	13.5	0.0	3.3		80 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	90.8	79.2	16.3	0.0	6.0		100 Heavy
08/12	80.3	72.8	20.0	0.0	7.8		100 Heavy
08/13	85.1	71.8	11.3	0.0	2.0		100 Heavy
08/14	82.9	69.1	12.0	0.0	8.0		100 Heavy
08/15	80.4	69.2	10.5	0.0	11.3		100 Heavy
08/16	82.6	73.6	15.3	0.0	11.3	Heavy	100 Heavy
08/17	89.8	79.0	19.0	0.0	7.3		100 Heavy
08/18	85.2	72.0	11.8	0.0	4.0		100 Heavy
08/19	74.1	61.1	0.8	0.0	8.8		90 Heavy

Windsor CT Phomopsis Cane+Leaf Spot - Grape From 2010-08-05 To 2010-08-19

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
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	79.2	6.8	0.00	0.0	0.0	0	0
08/12	72.8	8.5	0.00	0.0	0.0	0	0
08/13	71.8	6.8	0.00	0.0	0.0	0	0
08/14	69.1	8.0	0.00	0.0	0.0	0	0
08/15	69.2	12.3	0.03	1.8	68.7	4 Light	12 Light
08/16	73.6	17.8	0.04	13.5	68.9	66 Moderate	102 High
08/17	79.0	7.8	0.00	0.0	0.0	0	0
08/18	72.0	5.8	0.00	0.0	0.0	0	0
08/19	61.1	9.0	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