

Windsor CT Black Rot - Grape From 2010-07-01 To 2010-07-15

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
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	90.6	72.6	4.8	0.58	
07/09	89.8	71.5	7.5	1.42	Infection Risk
07/10	83.7	70.1	13.8	2.36	Infection Risk
07/11	90.6	67.1	8.3	3.73	Infection Risk
07/12	93.3	68.7	7.0	1.25	Infection Risk
07/13	88.2	73.5	12.5	1.22	Infection Risk
07/14	80.4	70.6	20.3	4.51	Infection Risk
07/15	73.1	68.7	7.8	5.86	Infection Risk

Windsor CT Botrytis - Grape From 2010-07-01 To 2010-07-15

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
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	90.6	72.6	4.8		0.00	
07/09	89.8	71.5	7.5	3.5	0.00	
07/10	83.7	70.1	13.8	5.0	0.69	Moderate Infection Risk
07/11	90.6	67.1	8.3	8.3	0.00	
07/12	93.3	68.7	7.0	4.8	0.00	
07/13	88.2	73.5	12.5	6.3	0.30	Low Infection Risk
07/14	80.4	70.6	20.3	16.8	2.13	High Infection Risk
07/15	73.1	68.7	7.8	7.5	0.00	

Windsor CT Downy Mildew - Grape From 2010-07-01 To 2010-07-15

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours >95%RH	66-77	Risk	Warning
07/01	74.9	0.0		4.5	0.0	0.0	0	Primary Infection
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	90.6	>min		4.8	0.0	0.0	0	
07/09	89.8	>min		7.5	2.8	2.8	3	High Risk of Infection
07/10	83.7	>min	0.06	13.8	3.8	3.8	3	High Risk of Infection
07/11	90.6	>min		8.3	8.0	8.0	3	High Risk of Infection
07/12	93.3	>min		7.0	4.3	4.3	3	High Risk of Infection
07/13	88.2	>min	0.51	12.5	6.0	6.0	3	High Risk of Infection
07/14	80.4	>min	0.19	20.3	16.0	16.0	3	High Risk of Infection
07/15	73.1	>min		7.8	7.0	7.0	3	High Risk of Infection

Windsor CT Powdery Mildew - Grape From 2010-07-01 To 2010-07-15

Date	Temperature High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
07/01	74.9	64.0	5.8	0.0	4.5		
07/02	81.8	67.5	11.8	0.0	7.5		
07/03	88.1	72.5	5.8	0.0	9.3		
07/04	93.2	77.4	4.3	0.0	8.0		
07/05	97.8	82.5	3.8	4.5	5.8		
07/06	101.9	87.5	11.3	8.3	6.5		
07/07	98.9	84.7	13.3	4.5	3.0		
07/08	90.6	80.4	15.8	0.0	4.5		60 Heavy
07/09	89.8	79.8	22.3	0.0	7.0		80 Heavy
07/10	83.7	74.5	24.0	0.0	13.5	Heavy	100 Heavy
07/11	90.6	77.9	5.0	0.0	8.3	Heavy	90 Heavy
07/12	93.3	79.9	13.0	0.0	7.0		100 Heavy
07/13	88.2	78.1	20.8	0.0	12.0		100 Heavy
07/14	80.4	75.2	24.0	0.0	20.3	Heavy	100 Heavy
07/15	73.1	70.0	2.3	0.0	7.8	Heavy	90 Heavy

Windsor CT Phomopsis Cane+Leaf Spot - Grape From 2010-07-01 To 2010-07-15

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
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	80.4	6.5	0.00	0.0	0.0	0	0
07/09	79.8	7.8	0.00	0.0	0.0	0	0
07/10	74.5	15.0	0.06	2.3	72.5	4 Light	15 Light
07/11	77.9	9.0	0.00	0.0	0.0	0	0
07/12	79.9	7.8	0.00	0.0	0.0	0	0
07/13	78.1	13.8	0.51	7.0	74.1	20 Light	47 Moderate
07/14	75.2	20.5	0.19	66.3	74.6	490 High	476 High
07/15	70.0	8.3	0.00	35.3	73.3	216 High	257 High

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