

Windsor CT Black Rot - Grape From 2010-09-01 To 2010-09-15

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
09/01	95.2	66.0	8.0	1.35	Infection Risk
09/02	94.9	66.7	7.5	1.28	Infection Risk
09/03	86.8	69.0	2.5	0.26	
09/04	80.9	61.4		0.00	
09/05	75.3	54.1	0.3	0.02	
09/06	79.5	47.7	7.5	0.36	
09/07	86.7	61.5	3.5	0.32	
09/08	85.3	59.0	2.8	0.65	
09/09	68.8	53.9	1.8	0.12	
09/10	69.9	53.7	5.0	0.34	
09/11	81.3	48.4	8.0	0.38	
09/12	67.6	51.9	9.3	0.53	
09/13	71.3	56.6	7.5	0.62	
09/14	77.6	52.6	8.5	0.85	
09/15	60.6	46.7	3.8	0.16	

Windsor CT Botrytis - Grape From 2010-09-01 To 2010-09-15

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
09/01	95.2	66.0	8.0	3.8	0.00	
09/02	94.9	66.7	7.5	4.8	0.00	
09/03	86.8	69.0	2.5		0.00	
09/04	80.9	61.4			0.00	
09/05	75.3	54.1	0.3		0.00	
09/06	79.5	47.7	8.3	5.3	0.00	
09/07	86.7	61.5	3.5		0.00	
09/08	85.3	59.0	2.8	1.5	0.00	
09/09	68.8	53.9	1.8	0.3	0.00	
09/10	69.9	53.7	5.0	1.8	0.00	
09/11	81.3	48.4	8.0	4.5	0.00	
09/12	67.6	51.9	9.3	7.0	0.00	
09/13	71.3	56.6	7.5	3.0	0.00	
09/14	77.6	52.6	8.5	8.8	0.00	
09/15	60.6	46.7	7.0	1.8	0.00	

Windsor CT Downy Mildew - Grape From 2010-09-01 To 2010-09-15

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours >95%RH	43-86	66-77	Risk	Warning
09/01	95.2	0.0		8.0	3.5	3.5	1		Primary Infection
09/02	94.9	>min		7.5	4.0	4.0	3		High Risk of Infection
09/03	86.8	>min	0.01	2.5	0.0	0.0	0		
09/04	80.9	>min			0.0	0.0	0		
09/05	75.3	>min		0.3	0.0	0.0	0		
09/06	79.5	>min		8.3	4.8	0.0	1		Possible Infection
09/07	86.7	>min		3.5	0.0	0.0	0		
09/08	85.3	>min	0.11	2.8	1.0	1.0	3		High Risk of Infection
09/09	68.8	>min		1.8	0.0	0.0	0		
09/10	69.9	>min		5.0	0.5	0.0	1		Possible Infection
09/11	81.3	>min		8.0	4.3	0.0	1		Possible Infection
09/12	67.6	>min		9.3	6.5	0.0	1		Possible Infection
09/13	71.3	>min		7.5	0.0	0.0	0		
09/14	77.6	>min		8.5	7.3	0.0	1		Possible Infection
09/15	60.6	>min		7.0	0.8	0.0	1		Possible Infection

Windsor CT Powdery Mildew - Grape From 2010-09-01 To 2010-09-15

Date	Temperature High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
09/01	95.2	80.4	5.0	0.3	8.0		
09/02	94.9	80.5	6.8	0.0	7.5		
09/03	86.8	77.2	24.0	0.0	2.0		
09/04	80.9	73.7	20.3	0.0	0.0		60 Heavy
09/05	75.3	64.4	7.5	0.0	0.0		80 Heavy
09/06	79.5	64.7	9.5	0.0	8.3		100 Heavy
09/07	86.7	73.8	12.0	0.0	3.0		100 Heavy
09/08	85.3	73.4	17.5	0.0	2.5		100 Heavy
09/09	68.8	62.4	0.0	0.0	1.5		90 Heavy
09/10	69.9	61.7	0.0	0.0	5.0		80 Heavy
09/11	81.3	63.6	7.8	0.0	8.0		100 Heavy
09/12	67.6	59.3	0.0	0.0	9.0		90 Heavy
09/13	71.3	62.3	0.8	0.0	7.0		80 Heavy
09/14	77.6	64.6	8.3	0.0	8.5		100 Heavy
09/15	60.6	50.4	0.0	0.0	7.0		90 Heavy

Windsor CT Phomopsis Cane+Leaf Spot - Grape From 2010-09-01 To 2010-09-15

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
09/01	80.4	8.5	0.00	0.0	0.0	0	0
09/02	80.5	8.3	0.00	0.0	0.0	0	0
09/03	77.2	5.8	0.01	0.8	75.5	1 Light	4 Light
09/04	73.7	0.0	0.00	0.0	0.0	0	0
09/05	64.4	0.5	0.00	0.0	0.0	0	0
09/06	64.7	8.3	0.00	0.0	0.0	0	0
09/07	73.8	4.8	0.00	0.0	0.0	0	0
09/08	73.4	3.8	0.11	2.0	70.2	4 Light	14 Light
09/09	62.4	2.3	0.00	0.0	0.0	0	0
09/10	61.7	5.8	0.00	0.0	0.0	0	0
09/11	63.6	8.5	0.00	0.0	0.0	0	0
09/12	59.3	9.8	0.00	0.0	0.0	0	0
09/13	62.3	9.0	0.00	0.0	0.0	0	0
09/14	64.6	9.0	0.00	0.0	0.0	0	0
09/15	50.4	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