

Windsor CT Black Rot - Grape From 2010-09-15 To 2010-09-29

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
09/15	71.1	46.7	3.8	0.16	
09/16	72.9	42.2	6.0	0.86	
09/17	73.8	59.7	9.3	2.32	Infection Risk
09/18	74.2	54.8	2.0	0.15	
09/19	81.8	52.0	8.5	0.67	
09/20	74.2	54.2		0.00	
09/21	74.7	40.5		0.00	
09/22	89.8	60.6	0.5	0.09	
09/23	82.4	59.9	3.3	0.50	
09/24	85.2	58.9	7.0	0.57	
09/25	88.3	63.6	7.0	1.78	Infection Risk
09/26	78.3	53.2	1.0	0.06	
09/27	60.6	56.6	20.3	1.97	Infection Risk
09/28	76.4	60.4	19.8	5.11	Infection Risk
09/29	69.9	65.7	7.0	6.28	Infection Risk

Windsor CT Botrytis - Grape From 2010-09-15 To 2010-09-29

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
09/15	71.1	46.7	7.0	1.8	0.00	
09/16	72.9	42.2	12.8	9.0	0.00	
09/17	73.8	59.7	9.3	8.8	0.00	
09/18	74.2	54.8	2.0	1.5	0.00	
09/19	81.8	52.0	8.5	8.5	0.00	
09/20	74.2	54.2			0.00	
09/21	74.7	40.5	5.8	3.5	0.00	
09/22	89.8	60.6	0.5		0.00	
09/23	82.4	59.9	3.3	0.3	0.00	
09/24	85.2	58.9	7.0	1.5	0.00	
09/25	88.3	63.6	7.0	3.8	0.00	
09/26	78.3	53.2	1.0		0.00	
09/27	60.6	56.6	20.3	20.0	1.87	High Infection Risk
09/28	76.4	60.4	19.8	18.5	2.16	High Infection Risk
09/29	69.9	65.7	7.0	7.0	0.00	

Windsor CT Downy Mildew - Grape From 2010-09-15 To 2010-09-29

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
09/15	71.1	0.0		7.0	0.8	0.0	1	Primary Infection
09/16	72.9	>min	0.08	11.3	5.8	2.0	3	High Risk of Infection
09/17	73.8	>min	0.02	9.3	8.8	4.8	3	High Risk of Infection
09/18	74.2	>min		2.0	1.3	0.0	1	Possible Infection
09/19	81.8	>min		8.5	8.5	0.0	1	Possible Infection
09/20	74.2	>min			0.0	0.0	0	
09/21	74.7	>min		1.5	0.0	0.0	0	
09/22	89.8	>min		0.5	0.0	0.0	0	
09/23	82.4	>min		3.3	0.0	0.0	0	
09/24	85.2	>min		7.0	1.5	1.5	3	High Risk of Infection
09/25	88.3	>min		7.0	2.8	2.8	3	High Risk of Infection
09/26	78.3	>min		1.0	0.0	0.0	0	
09/27	60.6	>min	0.30	20.3	19.8	0.0	1	Possible Infection
09/28	76.4	>min	0.38	19.8	17.3	11.8	3	High Risk of Infection
09/29	69.9	>min		7.0	7.0	6.3	3	High Risk of Infection

Windsor CT Powdery Mildew - Grape From 2010-09-15 To 2010-09-29

Date	Temperature High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
09/15	71.1	58.7	2.0	0.0	7.0		
09/16	72.9	58.5	2.3	0.0	12.8		
09/17	73.8	66.1	1.8	0.0	9.3	Heavy	
09/18	74.2	62.9	4.0	0.0	2.0		
09/19	81.8	66.2	10.3	0.0	8.5		
09/20	74.2	63.7	5.0	0.0	0.0		
09/21	74.7	58.8	5.0	0.0	5.8		
09/22	89.8	72.8	10.3	0.0	0.5		
09/23	82.4	70.5	11.8	0.0	3.3		
09/24	85.2	70.8	12.3	0.0	6.3		60 Heavy
09/25	88.3	76.1	5.8	0.0	7.0		50 Medium
09/26	78.3	64.3	6.3	0.0	1.0		70 Heavy
09/27	60.6	59.0	0.0	0.0	20.3	Heavy	60 Heavy
09/28	76.4	69.9	16.5	0.0	19.5	Heavy	80 Heavy
09/29	69.9	67.6	0.0	0.0	7.0	Heavy	70 Heavy

Windsor CT Phomopsis Cane+Leaf Spot - Grape From 2010-09-15 To 2010-09-29

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
09/15	58.7	7.0	0.00	0.0	0.0	0	0
09/16	58.5	13.5	0.08	5.3	64.4	18 Light	38 Moderate
09/17	66.1	9.3	0.02	14.5	65.4	78 Moderate	110 High
09/18	62.9	2.5	0.00	0.0	0.0	0	0
09/19	66.2	8.5	0.00	0.0	0.0	0	0
09/20	63.7	0.0	0.00	0.0	0.0	0	0
09/21	58.8	4.0	0.00	0.0	0.0	0	0
09/22	72.8	1.0	0.00	0.0	0.0	0	0
09/23	70.5	4.0	0.00	0.0	0.0	0	0
09/24	70.8	10.8	0.00	0.0	0.0	0	0
09/25	76.1	7.5	0.00	0.0	0.0	0	0
09/26	64.3	1.5	0.00	0.0	0.0	0	0
09/27	59.0	20.3	0.30	17.8	59.2	98 High	118 High
09/28	69.9	20.3	0.38	66.3	63.3	693 High	518 High
09/29	67.6	7.0	0.00	45.3	64.9	400 High	356 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