

Windsor CT Black Rot - Grape From 2010-09-22 To 2010-10-06

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
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	81.6	63.5	11.5	6.51	Infection Risk
09/30	76.9	63.8	14.8	2.74	Infection Risk
10/01	77.0	54.4	16.5	1.83	Infection Risk
10/02	67.9	48.5	3.5	2.01	Infection Risk
10/03	61.8	42.9		0.00	
10/04	58.7	49.4	1.5	0.07	
10/05	57.0	51.9	20.0	1.37	Infection Risk
10/06	57.2	55.4	9.3	2.06	Infection Risk

Windsor CT Botrytis - Grape From 2010-09-22 To 2010-10-06

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
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	81.6	63.5	11.5	8.5	0.22	Low Infection Risk
09/30	76.9	63.8	14.8	8.8	0.99	Moderate Infection Risk
10/01	77.0	54.4	16.5	14.0	1.04	High Infection Risk
10/02	67.9	48.5	3.5		0.00	
10/03	61.8	42.9			0.00	
10/04	58.7	49.4	1.5		0.00	
10/05	57.0	51.9	20.0	18.3	1.67	High Infection Risk
10/06	57.2	55.4	9.3	9.3	0.00	

Windsor CT Downy Mildew - Grape From 2010-09-22 To 2010-10-06

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
09/22	89.8	0.0		0.5	0.0	0.0	0	Primary Infection
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	81.6	>min		11.5	8.5	7.3	3	High Risk of Infection
09/30	76.9	>min	0.82	14.8	7.8	4.0	3	High Risk of Infection
10/01	77.0	>min	2.18	16.5	12.8	0.0	1	Possible Infection
10/02	67.9	>min		3.5	0.0	0.0	0	
10/03	61.8	>min			0.0	0.0	0	
10/04	58.7	>min	0.05	1.5	0.0	0.0	0	
10/05	57.0	>min	0.08	20.0	17.8	0.0	1	Possible Infection
10/06	57.2	>min	0.42	9.3	9.3	0.0	1	Possible Infection

Windsor CT Powdery Mildew - Grape From 2010-09-22 To 2010-10-06

Date	Temperature High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
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	81.6	71.1	10.0	0.0	11.0	Heavy	100 Heavy
09/30	76.9	71.4	14.8	0.0	14.0	Heavy	100 Heavy
10/01	77.0	65.4	7.8	0.0	16.5	Heavy	100 Heavy
10/02	67.9	56.2	0.0	0.0	2.8	Heavy	90 Heavy
10/03	61.8	51.4	0.0	0.0	0.0		80 Heavy
10/04	58.7	54.0	0.0	0.0	1.3		70 Heavy
10/05	57.0	54.6	0.0	0.0	19.3	Heavy	60 Heavy
10/06	57.2	56.0	0.0	0.0	9.3	Heavy	50 Medium

Windsor CT Phomopsis Cane+Leaf Spot - Grape From 2010-09-22 To 2010-10-06

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
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	71.1	12.5	0.00	46.3	64.9	413 High	365 High
09/30	71.4	24.0	0.82	19.3	72.9	93 High	138 High
10/01	65.4	24.0	2.18	43.3	68.7	351 High	342 High
10/02	56.2	6.3	0.00	47.3	67.4	412 High	377 High
10/03	51.4	1.0	0.00	0.0	0.0	0	0
10/04	54.0	3.0	0.05	2.0	50.1	2 Light	6 Light
10/05	54.6	23.3	0.08	18.3	55.1	84 Moderate	98 High
10/06	56.0	9.3	0.42	28.0	55.4	158 High	156 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