

Windsor CT Black Rot - Grape From 2010-08-15 To 2010-09-01

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
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	91.0	57.5	11.0	1.12	Infection Risk
08/20	85.1	59.7	9.3	1.80	Infection Risk
08/21	79.5	55.4		0.00	
08/22	72.1	65.7	22.0	3.71	Infection Risk
08/23	67.4	64.3	11.0	5.43	Infection Risk
08/24	69.4	63.0	0.5	0.04	
08/25	74.2	61.9	9.3	1.07	Infection Risk
08/26	82.7	62.0	7.8	1.44	Infection Risk
08/27	79.3	53.3	5.8	0.40	
08/28	84.2	50.1	10.0	0.47	
08/29	94.9	56.8	8.8	1.05	Infection Risk
08/30	93.3	57.5	8.0	1.00	Infection Risk
08/31	96.2	64.8	7.5	1.21	Infection Risk
09/01	93.1	66.0	8.0	1.35	Infection Risk

Windsor CT Botrytis - Grape From 2010-08-15 To 2010-09-01

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
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	91.0	57.5	11.0	7.3	0.00	
08/20	85.1	59.7	9.3	8.5	0.00	
08/21	79.5	55.4			0.00	
08/22	72.1	65.7	22.0	17.3	2.95	High Infection Risk
08/23	67.4	64.3	11.0	9.0	0.15	Low Infection Risk
08/24	69.4	63.0	0.5		0.00	
08/25	74.2	61.9	9.3	8.8	0.00	
08/26	82.7	62.0	7.8	6.8	0.00	
08/27	79.3	53.3	5.8	3.0	0.00	
08/28	84.2	50.1	10.0	4.5	0.00	
08/29	94.9	56.8	8.8	7.0	0.00	
08/30	93.3	57.5	8.0	5.8	0.00	
08/31	96.2	64.8	7.5	3.3	0.00	
09/01	93.1	66.0	8.0	3.8	0.00	

Windsor CT Downy Mildew - Grape From 2010-08-15 To 2010-09-01

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
08/15	80.4	0.0	0.03	11.3	3.0	1.0	1	Primary 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	91.0	>min	0.04	11.0	6.5	1.0	3	High Risk of Infection
08/20	85.1	>min	0.01	9.3	8.5	4.0	3	High Risk of Infection
08/21	79.5	>min			0.0	0.0	0	
08/22	72.1	>min	1.30	22.0	16.5	15.5	3	High Risk of Infection
08/23	67.4	>min	0.22	11.0	8.8	3.3	3	High Risk of Infection
08/24	69.4	>min	0.01	0.5	0.0	0.0	0	
08/25	74.2	>min	0.03	9.3	4.8	0.0	1	Possible Infection
08/26	82.7	>min		7.8	5.5	4.3	3	High Risk of Infection
08/27	79.3	>min		5.8	2.8	0.0	1	Possible Infection
08/28	84.2	>min		10.0	4.0	0.0	1	Possible Infection
08/29	94.9	>min		8.8	6.5	0.0	1	Possible Infection
08/30	93.3	>min		8.0	4.5	0.0	1	Possible Infection
08/31	96.2	>min		7.5	2.5	0.3	1	Possible Infection
09/01	93.1	>min		8.0	3.5	3.5	3	High Risk of Infection

Windsor CT Powdery Mildew - Grape From 2010-08-15 To 2010-09-01

Date	Temperature High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
08/15	80.4	69.2	10.5	0.0	11.3		
08/16	82.6	73.6	15.3	0.0	11.3	Heavy	
08/17	89.8	79.0	19.0	0.0	7.3		60 Heavy
08/18	85.2	72.0	11.8	0.0	4.0		80 Heavy
08/19	91.0	74.5	3.5	0.0	10.8		70 Heavy
08/20	85.1	72.7	12.0	0.0	9.3		90 Heavy
08/21	79.5	68.3	11.0	0.0	0.0		100 Heavy
08/22	72.1	68.1	5.3	0.0	20.8	Heavy	90 Heavy
08/23	67.4	65.5	0.0	0.0	10.8	Heavy	80 Heavy
08/24	69.4	65.9	0.0	0.0	0.5		70 Heavy
08/25	74.2	67.0	6.3	0.0	8.8		90 Heavy
08/26	82.7	71.6	12.0	0.0	7.8		100 Heavy
08/27	79.3	66.1	9.3	0.0	5.8		100 Heavy
08/28	84.2	66.5	10.8	0.0	10.0		100 Heavy
08/29	94.9	74.3	3.0	0.0	8.8		90 Heavy
08/30	93.3	75.8	4.8	0.0	8.0		80 Heavy
08/31	96.2	80.1	4.8	2.3	7.3		70 Heavy
09/01	93.1	75.4	7.0	0.0	8.0		90 Heavy

Windsor CT Phomopsis Cane+Leaf Spot - Grape From 2010-08-15 To 2010-09-01

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
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	74.5	11.0	0.04	1.8	68.6	4 Light	12 Light
08/20	72.7	9.3	0.01	11.0	66.9	52 Moderate	83 Moderate
08/21	68.3	0.5	0.00	0.0	0.0	0	0
08/22	68.1	24.0	1.30	16.8	68.6	91 High	128 High
08/23	65.5	11.8	0.22	28.3	67.4	197 High	221 High
08/24	65.9	0.8	0.01	0.0	0.0	0	0
08/25	67.0	10.5	0.03	5.5	62.8	20 Light	39 Moderate
08/26	71.6	8.0	0.00	0.0	0.0	0	0
08/27	66.1	6.5	0.00	0.0	0.0	0	0
08/28	66.5	10.0	0.00	0.0	0.0	0	0
08/29	74.3	8.8	0.00	0.0	0.0	0	0
08/30	75.8	8.0	0.00	0.0	0.0	0	0
08/31	80.1	8.8	0.00	0.0	0.0	0	0
09/01	75.4	8.5	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