

Windsor CT Black Rot - Grape From 2010-07-14 To 2010-07-28

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
07/14	80.4	70.6	20.3	3.28	Infection Risk
07/15	86.1	68.7	11.5	4.63	Infection Risk
07/16	91.6	69.0	11.5	1.90	Infection Risk
07/17	93.2	69.5	12.8	2.12	Infection Risk
07/18	91.5	66.8	8.0	2.14	Infection Risk
07/19	88.8	64.9	7.5	1.01	Infection Risk
07/20	87.4	68.3	8.8	1.48	Infection Risk
07/21	91.5	68.6	12.5	1.30	Infection Risk
07/22	87.6	65.4	6.8	2.25	Infection Risk
07/23	75.0	64.9	19.0	3.21	Infection Risk
07/24	91.3	72.0	11.3	5.02	Infection Risk
07/25	86.9	71.0	4.3	5.67	Infection Risk
07/26	85.2	62.0	1.3	0.16	
07/27	89.3	59.5	6.0	0.53	
07/28	88.5	62.3	7.8	1.40	Infection Risk

Windsor CT Botrytis - Grape From 2010-07-14 To 2010-07-28

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
07/14	80.4	70.6	20.3	16.8	2.13	High Infection Risk
07/15	86.1	68.7	11.5	9.5	0.23	Low Infection Risk
07/16	91.6	69.0	11.5	10.5	0.19	Low Infection Risk
07/17	93.2	69.5	12.8	9.8	0.50	Low Infection Risk
07/18	91.5	66.8	8.0	6.8	0.00	
07/19	88.8	64.9	7.5	1.0	0.00	
07/20	87.4	68.3	8.8	6.0	0.00	
07/21	91.5	68.6	12.5	6.0	0.58	Moderate Infection Risk
07/22	87.6	65.4	6.8	4.5	0.00	
07/23	75.0	64.9	19.0	10.5	2.10	High Infection Risk
07/24	91.3	72.0	11.3	8.5	0.00	
07/25	86.9	71.0	4.3	1.0	0.00	
07/26	85.2	62.0	1.3		0.00	
07/27	89.3	59.5	6.0		0.00	
07/28	88.5	62.3	7.8	4.3	0.00	

Windsor CT Downy Mildew - Grape From 2010-07-14 To 2010-07-28

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
07/14	80.4	0.0	0.19	20.3	16.0	16.0	1	Primary Infection
07/15	86.1	>min		11.5	8.5	8.5	3	High Risk of Infection
07/16	91.6	>min	0.10	11.5	10.0	10.0	3	High Risk of Infection
07/17	93.2	>min	0.02	12.8	8.8	8.8	3	High Risk of Infection
07/18	91.5	>min	0.05	8.0	6.0	6.0	3	High Risk of Infection
07/19	88.8	>min		7.5	0.5	0.3	1	Possible Infection
07/20	87.4	>min		8.8	5.0	5.0	3	High Risk of Infection
07/21	91.5	>min	0.13	12.5	3.3	3.3	3	High Risk of Infection
07/22	87.6	>min		6.8	3.5	3.0	3	High Risk of Infection
07/23	75.0	>min	0.82	19.0	9.8	9.8	3	High Risk of Infection
07/24	91.3	>min	0.01	11.3	8.3	7.8	3	High Risk of Infection
07/25	86.9	>min		4.3	0.3	0.3	0	
07/26	85.2	>min		1.3	0.0	0.0	0	
07/27	89.3	>min		6.0	0.0	0.0	0	
07/28	88.5	>min		7.8	3.5	0.0	1	Possible Infection

Windsor CT Powdery Mildew - Grape From 2010-07-14 To 2010-07-28

Date	Temperature High	Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
07/14	80.4	75.2	24.0	0.0	20.3	Heavy	
07/15	86.1	75.5	9.0	0.0	11.5	Heavy	
07/16	91.6	78.9	8.8	0.0	11.5		60 Heavy
07/17	93.2	79.2	10.0	0.0	12.8		80 Heavy
07/18	91.5	78.8	6.3	0.0	8.0	Heavy	100 Heavy
07/19	88.8	75.9	20.0	0.0	7.0		100 Heavy
07/20	87.4	77.0	10.0	0.0	8.5		100 Heavy
07/21	91.5	75.5	13.8	0.0	12.3		100 Heavy
07/22	87.6	75.7	14.0	0.0	6.8	Heavy	100 Heavy
07/23	75.0	69.6	13.3	0.0	18.3	Heavy	100 Heavy
07/24	91.3	79.8	10.8	0.0	11.0	Heavy	100 Heavy
07/25	86.9	79.5	24.0	0.0	4.3	Heavy	100 Heavy
07/26	85.2	74.6	15.8	0.0	1.3		100 Heavy
07/27	89.3	76.1	4.5	0.0	5.8		90 Heavy
07/28	88.5	77.0	5.8	0.0	7.8		80 Heavy

Windsor CT Phomopsis Cane+Leaf Spot - Grape From 2010-07-14 To 2010-07-28

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
07/14	75.2	20.5	0.19	44.5	74.9	273 High	312 High
07/15	75.5	12.3	0.00	28.0	73.1	157 High	203 High
07/16	78.9	12.0	0.10	4.3	73.9	10 Light	28 Light
07/17	79.2	12.8	0.02	16.8	72.3	78 Moderate	121 High
07/18	78.8	8.3	0.05	12.3	70.3	55 Moderate	91 High
07/19	75.9	8.0	0.00	0.0	0.0	0	0
07/20	77.0	10.0	0.00	0.0	0.0	0	0
07/21	75.5	14.5	0.13	7.8	71.9	27 Light	55 Moderate
07/22	75.7	7.0	0.00	14.8	70.1	72 Moderate	110 High
07/23	69.6	20.0	0.82	12.8	70.4	58 Moderate	95 High
07/24	79.8	12.8	0.01	21.3	71.6	114 High	158 High
07/25	79.5	7.3	0.00	0.0	0.0	0	0
07/26	74.6	2.0	0.00	0.0	0.0	0	0
07/27	76.1	6.0	0.00	0.0	0.0	0	0
07/28	77.0	7.8	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