

Windsor CT Black Rot - Grape From 2010-07-07 To 2010-07-22

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
07/07	98.9	74.4	3.5	0.55	
07/08	90.6	72.6	4.8	0.58	
07/09	89.8	71.5	7.5	1.42	Infection Risk
07/10	83.7	70.1	13.8	2.36	Infection Risk
07/11	90.6	67.1	8.3	3.73	Infection Risk
07/12	93.3	68.7	7.0	1.25	Infection Risk
07/13	88.2	73.5	12.5	1.22	Infection Risk
07/14	80.4	70.6	20.3	4.51	Infection Risk
07/15	86.1	68.7	11.5	5.86	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	82.3	65.4	6.8	2.25	Infection Risk

Windsor CT Botrytis - Grape From 2010-07-07 To 2010-07-22

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
07/07	98.9	74.4	3.5		0.00	
07/08	90.6	72.6	4.8		0.00	
07/09	89.8	71.5	7.5	3.5	0.00	
07/10	83.7	70.1	13.8	5.0	0.69	Moderate Infection Risk
07/11	90.6	67.1	8.3	8.3	0.00	
07/12	93.3	68.7	7.0	4.8	0.00	
07/13	88.2	73.5	12.5	6.3	0.30	Low Infection Risk
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	82.3	65.4	6.8	4.5	0.00	

Windsor CT Downy Mildew - Grape From 2010-07-07 To 2010-07-22

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
07/07	98.9	0.0		3.5	0.0	0.0	0	Primary Infection
07/08	90.6	>min		4.8	0.0	0.0	0	
07/09	89.8	>min		7.5	2.8	2.8	3	High Risk of Infection
07/10	83.7	>min	0.06	13.8	3.8	3.8	3	High Risk of Infection
07/11	90.6	>min		8.3	8.0	8.0	3	High Risk of Infection
07/12	93.3	>min		7.0	4.3	4.3	3	High Risk of Infection
07/13	88.2	>min	0.51	12.5	6.0	6.0	3	High Risk of Infection
07/14	80.4	>min	0.19	20.3	16.0	16.0	3	High Risk of 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	82.3	>min		6.8	3.5	3.0	3	High Risk of Infection

Windsor CT Powdery Mildew - Grape From 2010-07-07 To 2010-07-22

Date	Temperature High	Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
07/07	98.9	84.7	10.8	4.5	3.0		
07/08	90.6	80.4	15.8	0.0	4.5		
07/09	89.8	79.8	22.3	0.0	7.0		60 Heavy
07/10	83.7	74.5	24.0	0.0	13.5	Heavy	80 Heavy
07/11	90.6	77.9	5.0	0.0	8.3	Heavy	70 Heavy
07/12	93.3	79.9	13.0	0.0	7.0		90 Heavy
07/13	88.2	78.1	20.8	0.0	12.0		100 Heavy
07/14	80.4	75.2	24.0	0.0	20.3	Heavy	100 Heavy
07/15	86.1	75.5	9.0	0.0	11.5	Heavy	100 Heavy
07/16	91.6	78.9	8.8	0.0	11.5		100 Heavy
07/17	93.2	79.2	10.0	0.0	12.8		100 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	82.3	71.8	5.3	0.0	6.8	Heavy	90 Heavy

Windsor CT Phomopsis Cane+Leaf Spot - Grape From 2010-07-07 To 2010-07-22

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
07/07	84.7	4.5	0.00	0.0	0.0	0	0
07/08	80.4	6.5	0.00	0.0	0.0	0	0
07/09	79.8	7.8	0.00	0.0	0.0	0	0
07/10	74.5	15.0	0.06	2.3	72.5	4 Light	15 Light
07/11	77.9	9.0	0.00	0.0	0.0	0	0
07/12	79.9	7.8	0.00	0.0	0.0	0	0
07/13	78.1	13.8	0.51	7.0	74.1	20 Light	47 Moderate
07/14	75.2	20.5	0.19	66.3	74.6	490 High	476 High
07/15	75.5	12.3	0.00	35.3	73.3	216 High	257 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	71.8	7.0	0.00	14.8	70.1	72 Moderate	110 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