

Windsor, CT Black Rot - Grape From 2009-08-01 To 2009-08-28

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
08/01	87.0	60.9	24.0	3.26	Infection Risk
08/02	77.1	65.5	24.0	7.21	Infection Risk
08/03	86.3	65.0	24.0	10.67	Infection Risk
08/04	87.6	63.0	24.0	14.01	Infection Risk
08/05	87.8	63.6	24.0	17.46	Infection Risk
08/06	83.9	56.7	24.0	20.64	Infection Risk
08/07	81.5	59.3	19.5	23.32	Infection Risk
08/08	79.8	51.2	19.3	25.70	Infection Risk
08/09	72.4	56.0	24.0	29.14	Infection Risk
08/10	94.4	68.8	20.0	31.97	Infection Risk
08/11	89.9	70.8	24.0	35.27	Infection Risk
08/12	80.0	68.2	24.0	39.16	Infection Risk
08/13	73.6	63.1	24.0	43.17	Infection Risk
08/14	88.5	60.2	24.0	46.28	Infection Risk
08/15	92.8	63.1	21.3	49.26	Infection Risk
08/16	94.3	66.3	19.8	52.09	Infection Risk
08/17	95.0	68.9	18.3	54.75	Infection Risk
08/18	93.5	68.7	18.8	57.40	Infection Risk
08/19	92.0	72.3	21.8	60.35	Infection Risk
08/20	91.9	69.5	20.8	63.29	Infection Risk
08/21	91.6	71.3	23.0	66.47	Infection Risk
08/22	86.6	71.0	24.0	70.03	Infection Risk
08/23	87.0	71.0	24.0	73.64	Infection Risk
08/24	85.2	65.9	24.0	77.24	Infection Risk
08/25	87.4	63.0	24.0	80.67	Infection Risk
08/26	88.6	65.2	24.0	84.10	Infection Risk
08/27	79.9	57.0	22.3	87.32	Infection Risk

Windsor, CT Botrytis - Grape From 2009-08-01 To 2009-08-28

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
08/01	87.0	60.9	24.0	8.3	2.62	High Infection Risk
08/02	77.1	65.5	24.0	12.0	3.18	High Infection Risk
08/03	86.3	65.0	24.0	7.8	2.60	High Infection Risk
08/04	87.6	63.0	24.0	1.8	2.48	High Infection Risk
08/05	87.8	63.6	24.0	4.8	2.71	High Infection Risk
08/06	83.9	56.7	24.0	1.3	2.76	High Infection Risk
08/07	81.5	59.3	19.5		1.68	High Infection Risk
08/08	79.8	51.2	19.3	0.3	1.66	High Infection Risk
08/09	72.4	56.0	24.0	6.0	2.96	High Infection Risk
08/10	94.4	68.8	24.0	6.3	2.13	High Infection Risk
08/11	89.9	70.8	24.0	6.5	2.42	High Infection Risk
08/12	80.0	68.2	24.0		3.03	High Infection Risk
08/13	73.6	63.1	24.0	9.8	3.36	High Infection Risk
08/14	88.5	60.2	24.0	9.5	2.48	High Infection Risk
08/15	92.8	63.1	24.0	7.8	2.35	High Infection Risk
08/16	94.3	66.3	24.0	7.3	2.29	High Infection Risk
08/17	95.0	68.9	24.0	6.0	2.24	High Infection Risk
08/18	93.5	68.7	24.0	7.0	2.20	High Infection Risk
08/19	92.0	72.3	24.0		2.32	High Infection Risk
08/20	91.9	69.5	24.0	3.0	2.28	High Infection Risk
08/21	91.6	71.3	24.0	9.3	2.76	High Infection Risk
08/22	86.6	71.0	24.0	11.8	2.66	High Infection Risk
08/23	87.0	71.0	24.0	10.8	2.72	High Infection Risk

08/24	85.2	65.9	24.0	7.8	2.65	High	Infection Risk
08/25	87.4	63.0	24.0	5.0	2.64	High	Infection Risk
08/26	88.6	65.2	24.0	1.8	2.65	High	Infection Risk
08/27	79.9	57.0	22.3		2.54	High	Infection Risk

Windsor, CT Downy Mildew - Grape From 2009-08-01 To 2009-08-28

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
08/01	87.0	0.0	0.01	23.0	8.0	0.8	1	Primary Infection
08/02	77.1	>min	0.02	24.0	9.0	7.5	3	High Risk of Infection
08/03	86.3	>min		23.8	7.5	5.0	3	High Risk of Infection
08/04	87.6	>min		21.0	0.8	0.8	3	High Risk of Infection
08/05	87.8	>min		22.8	3.3	3.3	3	High Risk of Infection
08/06	83.9	>min		24.0	0.0	0.0	0	
08/07	81.5	>min		19.5	0.0	0.0	0	
08/08	79.8	>min		19.3	0.0	0.0	0	
08/09	72.4	>min	0.01	24.0	4.8	0.0	1	Possible Infection
08/10	94.4	>min	0.05	17.8	4.8	4.8	3	High Risk of Infection
08/11	89.9	>min	0.01	18.0	6.3	6.3	3	High Risk of Infection
08/12	80.0	>min		24.0	0.0	0.0	0	
08/13	73.6	>min	0.15	24.0	7.8	4.5	3	High Risk of Infection
08/14	88.5	>min		20.0	9.5	0.5	3	High Risk of Infection
08/15	92.8	>min		17.5	7.3	3.0	3	High Risk of Infection
08/16	94.3	>min		16.8	6.5	6.5	3	High Risk of Infection
08/17	95.0	>min		15.3	5.0	5.0	3	High Risk of Infection
08/18	93.5	>min		15.5	6.3	6.3	3	High Risk of Infection
08/19	92.0	>min		17.3	0.0	0.0	0	
08/20	91.9	>min		17.0	1.3	1.3	3	High Risk of Infection
08/21	91.6	>min	0.62	18.5	7.5	7.5	3	High Risk of Infection
08/22	86.6	>min	0.75	23.5	10.5	10.5	3	High Risk of Infection
08/23	87.0	>min	0.15	23.3	8.0	8.0	3	High Risk of Infection
08/24	85.2	>min	0.01	24.0	7.5	7.3	3	High Risk of Infection
08/25	87.4	>min		22.5	3.8	0.0	1	Possible Infection
08/26	88.6	>min		21.8	0.0	0.0	0	
08/27	79.9	>min		22.3	0.0	0.0	0	

Windsor, CT Powdery Mildew - Grape From 2009-08-01 To 2009-08-28

Date	Temperature High	Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
08/01	87.0	73.2	6.0	0.0	24.0	Heavy	
08/02	77.1	71.7	15.8	0.0	24.0	Heavy	
08/03	86.3	74.7	6.0	0.0	24.0	Heavy	60 Heavy
08/04	87.6	75.4	10.3	0.0	24.0	Heavy	80 Heavy
08/05	87.8	76.9	18.8	0.0	22.0	Heavy	100 Heavy
08/06	83.9	69.5	11.5	0.0	18.8	Heavy	100 Heavy
08/07	81.5	70.4	12.0	0.0	7.5		100 Heavy
08/08	79.8	65.7	9.3	0.0	5.5		100 Heavy
08/09	72.4	65.1	3.3	0.0	24.0	Heavy	90 Heavy
08/10	94.4	79.8	5.3	0.0	24.0	Heavy	80 Heavy
08/11	89.9	79.2	16.5	0.0	24.0	Heavy	100 Heavy
08/12	80.0	73.3	22.5	0.0	24.0	Heavy	100 Heavy
08/13	73.6	68.4	5.8	0.0	24.0	Heavy	90 Heavy
08/14	88.5	72.7	5.5	0.0	24.0	Heavy	80 Heavy
08/15	92.8	76.6	5.8	0.0	24.0	Heavy	70 Heavy
08/16	94.3	79.1	6.0	0.0	24.0	Heavy	90 Heavy
08/17	95.0	80.9	9.8	0.3	24.0	Heavy	100 Heavy
08/18	93.5	80.8	8.3	0.0	21.3	Heavy	100 Heavy

08/19	92.0	80.7	16.3	0.0	22.8	Heavy	100	Heavy
08/20	91.9	79.8	10.5	0.0	24.0	Heavy	100	Heavy
08/21	91.6	79.5	23.5	0.0	24.0	Heavy	100	Heavy
08/22	86.6	76.8	19.0	0.0	24.0	Heavy	100	Heavy
08/23	87.0	76.4	23.0	0.0	24.0	Heavy	100	Heavy
08/24	85.2	74.7	15.5	0.0	24.0	Heavy	100	Heavy
08/25	87.4	74.2	11.5	0.0	24.0	Heavy	100	Heavy
08/26	88.6	75.7	12.3	0.0	24.0	Heavy	100	Heavy
08/27	79.9	68.1	8.3	0.0	8.8	Heavy	100	Heavy

Leaf Wetness Sensor Parameters:

Base Temperature	0.0
Upper Temperature	100.0
Wetness Threshold	6.0

Windsor, CT Phomopsis Cane+Leaf Spot - Grape From 2009-08-01 To 2009-08-28

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Disease Catawba	Intensity Seyval
08/01	73.2	24.0	0.01	23.8	73.3	123 High	171 High
08/02	71.7	24.0	0.02	47.8	72.5	348 High	359 High
08/03	74.7	24.0	0.00	71.8	73.2	598 High	539 High
08/04	75.4	24.0	0.00	95.8	73.8	876 High	717 High
08/05	76.9	24.0	0.00	119.8	74.4	1159 High	887 High
08/06	69.5	24.0	0.00	143.8	73.6	1583 High	1100 High
08/07	70.4	24.0	0.00	167.8	73.1	2027 High	1307 High
08/08	65.7	24.0	0.00	191.8	72.2	2578 High	1535 High
08/09	65.1	24.0	0.01	215.8	71.4	3167 High	1763 High
08/10	79.8	24.0	0.05	239.8	72.3	3539 High	1935 High
08/11	79.2	24.0	0.01	263.8	72.9	3924 High	2105 High
08/12	73.3	24.0	0.00	287.8	72.9	4436 High	2303 High
08/13	68.4	24.0	0.15	311.8	72.6	5069 High	2524 High
08/14	72.7	24.0	0.00	335.8	72.6	5633 High	2726 High
08/15	76.6	24.0	0.00	359.8	72.9	6129 High	2910 High
08/16	79.1	24.0	0.00	383.8	73.3	6577 High	3082 High
08/17	80.9	24.0	0.00	407.8	73.7	6987 High	3242 High
08/18	80.8	24.0	0.00	431.8	74.1	7400 High	3401 High
08/19	80.7	24.0	0.00	455.8	74.4	7820 High	3559 High
08/20	79.8	24.0	0.00	479.8	74.7	8269 High	3722 High
08/21	79.5	24.0	0.62	503.8	74.9	8730 High	3885 High
08/22	76.8	24.0	0.75	527.8	75.0	9275 High	4065 High
08/23	76.4	24.0	0.15	551.8	75.1	9843 High	4249 High
08/24	74.7	24.0	0.01	575.8	75.1	10474 High	4444 High
08/25	74.2	24.0	0.00	599.8	75.0	11131 High	4643 High
08/26	75.7	24.0	0.00	623.8	75.1	11753 High	4832 High
08/27	68.1	24.0	0.00	647.8	74.8	12628 High	5070 High

Leaf Wetness Sensor Parameters:

Base Temperature	41.0
Upper Temperature	95.9
Wetness Threshold	3.0

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