

Windsor_Risk_7_1_2009.txt

Windsor, CT Black Rot - Grape From 2009-06-21 To 2009-07-01

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
06/21	72.6	63.7	24.0	3.88	Infection Risk
06/22	69.9	63.8	24.0	7.66	Infection Risk
06/23	77.1	63.9	24.0	11.52	Infection Risk
06/24	73.1	64.9	24.0	15.52	Infection Risk
06/25	83.0	64.2	24.0	19.14	Infection Risk
06/26	78.9	63.4	24.0	22.90	Infection Risk
06/27	83.4	60.5	24.0	26.28	Infection Risk
06/28	78.8	61.5	24.0	29.94	Infection Risk
06/29	85.7	61.9	24.0	33.40	Infection Risk
06/30	86.3	60.9	24.0	36.68	Infection Risk
07/01	66.1	63.6	6.8	37.67	Infection Risk

Windsor, CT Botrytis - Grape From 2009-06-21 To 2009-07-01

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
06/21	72.6	63.7	24.0	8.5	3.34	High Infection Risk
06/22	69.9	63.8	24.0	2.0	3.32	High Infection Risk
06/23	77.1	63.9	24.0		3.24	High Infection Risk
06/24	73.1	64.9	24.0	0.8	3.36	High Infection Risk
06/25	83.0	64.2	24.0	7.0	2.83	High Infection Risk
06/26	78.9	63.4	24.0	11.3	3.18	High Infection Risk
06/27	83.4	60.5	24.0	8.8	2.83	High Infection Risk
06/28	78.8	61.5	24.0	3.8	3.08	High Infection Risk
06/29	85.7	61.9	24.0	4.8	2.69	High Infection Risk
06/30	86.3	60.9	24.0	4.8	2.67	High Infection Risk
07/01	66.1	63.6	6.8	6.8	0.00	

Windsor, CT Downy Mildew - Grape From 2009-06-21 To 2009-07-01

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
06/21	72.6	0.0	0.30	24.0	8.0	0.0	1	Primary Infection
06/22	69.9	>min	0.06	24.0	0.5	0.0	1	Possible Infection
06/23	77.1	>min		24.0	0.0	0.0	0	
06/24	73.1	>min	0.02	24.0	0.0	0.0	0	
06/25	83.0	>min	0.02	24.0	6.3	0.3	1	Possible Infection
06/26	78.9	>min	0.24	24.0	9.0	0.8	3	High Risk of Infection
06/27	83.4	>min		24.0	8.5	0.0	1	Possible Infection
06/28	78.8	>min		24.0	3.0	0.0	1	Possible Infection
06/29	85.7	>min		24.0	4.0	0.0	1	Possible Infection
06/30	86.3	>min	0.25	23.8	1.8	0.0	1	Possible Infection
07/01	66.1	>min		6.8	6.5	0.3	1	Possible Infection

Windsor, CT Powdery Mildew - Grape From 2009-06-21 To 2009-07-01

Date	Temperature High	Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
06/21	72.6	67.1	2.8	0.0	24.0	Heavy	
06/22	69.9	66.1	0.0	0.0	24.0	Heavy	
06/23	77.1	68.8	9.5	0.0	24.0	Heavy	
06/24	73.1	68.2	6.3	0.0	24.0	Heavy	
06/25	83.0	72.2	14.5	0.0	24.0	Heavy	60 Heavy
06/26	78.9	68.6	8.5	0.0	24.0	Heavy	80 Heavy
06/27	83.4	70.3	11.3	0.0	24.0	Heavy	100 Heavy

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06/28	78.8	69.1	9.5	0.0	24.0	Heavy	100	Heavy
06/29	85.7	72.0	10.8	0.0	24.0	Heavy	100	Heavy
06/30	86.3	72.6	5.8	0.0	23.5	Heavy	90	Heavy
07/01	66.1	64.5	0.0	0.0	7.3	Heavy	80	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 2009-06-21 To 2009-07-01

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Di sease Catawba	Intensi ty Seyval
06/21	67.1	24.0	0.30	24.0	67.1	157 Hi gh	186 Hi gh
06/22	66.1	24.0	0.06	48.0	66.6	428 Hi gh	383 Hi gh
06/23	68.8	24.0	0.00	72.0	67.3	753 Hi gh	584 Hi gh
06/24	68.2	24.0	0.02	96.0	67.5	1131 Hi gh	788 Hi gh
06/25	72.2	24.0	0.02	120.0	68.5	1522 Hi gh	991 Hi gh
06/26	68.6	24.0	0.24	144.0	68.5	1975 Hi gh	1198 Hi gh
06/27	70.3	24.0	0.00	168.0	68.8	2443 Hi gh	1404 Hi gh
06/28	69.1	24.0	0.00	192.0	68.8	2954 Hi gh	1612 Hi gh
06/29	72.0	24.0	0.00	216.0	69.2	3458 Hi gh	1818 Hi gh
06/30	72.6	24.0	0.25	240.0	69.5	3975 Hi gh	2022 Hi gh
07/01	64.5	6.8	0.00	247.3	69.4	4168 Hi gh	2088 Hi gh

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