

Windsor_Risk_5_21

Windsor, CT Black Rot - Grape From 2009-05-01 To 2009-05-21

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
05/01	68.0	50.7	24.0	2.76	Infection Risk
05/02	69.3	49.3	8.5	3.51	Infection Risk
05/03	62.6	42.9	10.5	0.64	
05/04	62.9	51.1	14.3	1.07	Infection Risk
05/05	55.1	48.7	22.3	1.69	Infection Risk
05/06	68.2	46.8	7.5	2.26	Infection Risk
05/07	72.5	51.5	24.0	4.81	Infection Risk
05/08	77.7	49.3	18.0	6.73	Infection Risk
05/09	73.3	58.0	21.5	9.58	Infection Risk
05/10	66.6	48.6	1.5	9.77	Infection Risk
05/11	67.6	43.8		0.00	
05/12	68.3	40.9	2.3	0.09	
05/13	72.2	40.9	5.8	0.38	
05/14	64.9	49.5	19.5	1.74	Infection Risk
05/15	79.0	56.5	23.8	4.70	Infection Risk
05/16	72.1	52.3	18.3	6.78	Infection Risk
05/17	62.2	49.4	10.0	7.68	Infection Risk
05/18	56.6	42.6		0.00	
05/19	73.1	35.6	4.5	0.72	
05/20	85.8	44.4	5.5	0.67	
05/21	81.5	53.5		0.00	

Windsor, CT Botrytis - Grape From 2009-05-01 To 2009-05-21

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
05/01	68.0	50.7	24.0	5.0	2.88	High Infection Risk
05/02	69.3	49.3	8.5	0.3	0.00	
05/03	62.6	42.9	14.8		0.00	
05/04	62.9	51.1	14.3	8.5	0.00	
05/05	55.1	48.7	22.3	9.3	1.88	High Infection Risk
05/06	68.2	46.8	12.8	7.5	0.00	
05/07	72.5	51.5	24.0	14.5	2.76	High Infection Risk
05/08	77.7	49.3	18.0	8.0	1.39	High Infection Risk
05/09	73.3	58.0	21.5	9.0	2.31	High Infection Risk
05/10	66.6	48.6	1.5	0.3	0.00	
05/11	67.6	43.8	0.5		0.00	
05/12	68.3	40.9	11.5	0.5	0.00	
05/13	72.2	40.9	13.5	7.8	0.00	
05/14	64.9	49.5	19.5	2.8	1.62	High Infection Risk
05/15	79.0	56.5	23.8	8.3	2.73	High Infection Risk
05/16	72.1	52.3	18.3	6.0	1.47	High Infection Risk
05/17	62.2	49.4	10.0	5.8	0.00	
05/18	56.6	42.6			0.00	
05/19	73.1	35.6	7.5		0.00	
05/20	85.8	44.4	8.5		0.00	
05/21	81.5	53.5			0.00	

Windsor, CT Downy Mildew - Grape From 2009-05-01 To 2009-05-21

Date	High Temp	Deg Hrs<43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
05/01	68.0	0.0		24.0	2.5	0.0	1	Primary Infection
05/02	69.3	>min	0.07	8.5	0.0	0.0	0	
05/03	62.6	>min	0.02	14.5	0.0	0.0	0	
05/04	62.9	>min	0.06	14.3	5.0	0.0	1	Possible Infection

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05/05	55.1	>min	0.10	22.3	3.8	0.0	1	Possible	Infection	
05/06	68.2	>min	0.46	12.8	6.3	0.0	1	Possible	Infection	
05/07	72.5	>min	1.19	24.0	12.3	0.0	1	Possible	Infection	
05/08	77.7	>min	0.08	18.0	7.8	0.0	1	Possible	Infection	
05/09	73.3	>min	0.07	21.5	7.8	0.0	1	Possible	Infection	
05/10	66.6	>min		1.5	0.3	0.0	0			
05/11	67.6	>min		0.5	0.0	0.0	0			
05/12	68.3	>min		8.8	0.0	0.0	0			
05/13	72.2	>min		9.0	2.5	0.0	1	Possible	Infection	
05/14	64.9	>min	0.44	19.5	0.5	0.0	1	Possible	Infection	
05/15	79.0	>min		23.8	4.5	0.0	1	Possible	Infection	
05/16	72.1	>min		18.3	4.5	0.0	1	Possible	Infection	
05/17	62.2	>min	0.10	10.0	5.3	0.0	1	Possible	Infection	
05/18	56.6	>min			0.0	0.0	0			
05/19	73.1	>min		5.3	0.0	0.0	0			
05/20	85.8	>min		8.5	0.0	0.0	0			
05/21	81.5	>min			0.0	0.0	0			

windsor, CT Powdery Mildew - Grape From 2009-05-01 To 2009-05-21

Date	Temperature High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
05/01	68.0	60.6	0.0	0.0	24.0	Heavy	
05/02	69.3	59.7	0.0	0.0	8.0	Heavy	
05/03	62.6	51.7	0.0	0.0	14.5		
05/04	62.9	56.1	0.0	0.0	13.0	Heavy	
05/05	55.1	52.4	0.0	0.0	21.5	Heavy	
05/06	68.2	55.8	0.0	0.0	9.5	Heavy	
05/07	72.5	59.9	2.5	0.0	17.8	Heavy	
05/08	77.7	63.0	7.3	0.0	11.5	Heavy	
05/09	73.3	64.7	5.0	0.0	12.0		
05/10	66.6	58.6	0.0	0.0	1.5		
05/11	67.6	54.9	0.0	0.0	0.5		
05/12	68.3	53.1	0.0	0.0	11.5		
05/13	72.2	56.5	1.8	0.0	13.3		
05/14	64.9	57.3	0.0	0.0	18.8	Heavy	
05/15	79.0	65.7	8.3	0.0	11.3	Heavy	
05/16	72.1	62.6	1.8	0.0	14.0		
05/17	62.2	55.0	0.0	0.0	8.8	Heavy	
05/18	56.6	50.3	0.0	0.0	0.0		
05/19	73.1	55.4	2.8	0.0	7.5		
05/20	85.8	65.5	10.5	0.0	3.0		
05/21	81.5	62.6	2.5	0.0	0.0		

Leaf Wetness Sensor Parameters:
 Base Temperature 0.0
 Upper Temperature 100.0
 wetness Threshold 6.0

windsor, CT Phomopsis Cane+Leaf Spot - Grape From 2009-05-01 To 2009-05-21

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Disease Catawba	Intensity Seyval
05/01	60.6	24.0	0.00	0.0	0.0	0	0
05/02	59.7	18.0	0.07	12.5	60.2	61 Moderate	85 Moderate
05/03	51.7	17.5	0.02	6.5	51.9	15 Light	26 Light
05/04	56.1	24.0	0.06	30.5	55.2	176 High	168 High
05/05	52.4	24.0	0.10	54.5	54.0	369 High	281 High
05/06	55.8	24.0	0.46	78.5	54.5	651 High	428 High
05/07	59.9	24.0	1.19	102.5	55.8	1036 High	615 High
05/08	63.0	24.0	0.08	126.5	57.1	1505 High	826 High

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05/09	64.7	24.0	0.07	150.5	58.3	2030	High	1048	High	
05/10	58.6	18.3	0.00	168.5	58.5	2405	High	1190	High	
05/11	54.9	9.8	0.00	0.0	0.0	0		0		
05/12	53.1	18.0	0.00	0.0	0.0	0		0		
05/13	56.5	20.5	0.00	0.0	0.0	0		0		
05/14	57.3	24.0	0.44	12.0	60.2	58	Moderate	81	Moderate	
05/15	65.7	24.0	0.00	36.0	63.8	290	High	277	High	
05/16	62.6	24.0	0.00	60.0	63.3	601	High	467	High	
05/17	55.0	24.0	0.10	84.0	60.9	948	High	628	High	
05/18	50.3	24.0	0.00	108.0	58.6	1275	High	750	High	
05/19	55.4	18.8	0.00	127.8	58.0	1585	High	871	High	
05/20	65.5	24.0	0.00	0.0	0.0	0		0		
05/21	62.6	7.8	0.00	0.0	0.0	0		0		

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

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