

Di sease Ri sk New Preston Aug 12 2009.txt  
 New Preston, CT Black Rot - Grape From 2009-08-04 To 2009-08-12

Date	Hi gh Temp	Low Temp	Wet Hours	Dai ly Ri sk	Warni ng
08/04	77.3	68.3	4.5	0.77	
08/05	82.2	64.7	17.5	3.43	Infecti on Ri sk
08/06	75.9	58.9	0.8	0.12	
08/07	74.3	58.2		0.00	
08/08	72.0	51.1	2.5	0.13	
08/09	69.4	60.6	12.8	2.19	Infecti on Ri sk
08/10	86.7	66.7	24.0	5.73	Infecti on Ri sk
08/11	82.2	67.6	24.0	9.47	Infecti on Ri sk
08/12	74.0	64.7	10.3	11.16	Infecti on Ri sk

New Preston, CT Botrytis - Grape From 2009-08-04 To 2009-08-12

Date	Hi gh Temp	Low Temp	Wet Hours	RH>95 Hours	Dai ly Ri sk	Warni ng
08/04	77.3	68.3	4.5		0.00	
08/05	82.2	64.7	17.5	6.8	1.24	Hi gh Infecti on Ri sk
08/06	75.9	58.9	0.8		0.00	
08/07	74.3	58.2			0.00	
08/08	72.0	51.1	2.5		0.00	
08/09	69.4	60.6	12.8	6.3	0.58	Moderate Infecti on Ri sk
08/10	86.7	66.7	24.0	9.0	2.51	Hi gh Infecti on Ri sk
08/11	82.2	67.6	24.0	3.0	2.79	Hi gh Infecti on Ri sk
08/12	74.0	64.7	10.3		0.00	

New Preston, CT Downy Mi ldew - Grape From 2009-08-04 To 2009-08-12

Date	Hi gh Temp	Deg Hrs43	Rai n Fall	Wet Hours	Hours>95%RH 43-86	66-77	Ri sk	Warni ng
08/04	77.3	0.0		4.5	0.0	0.0	0	Primary Infecti on
08/05	82.2	>mi n		17.5	6.5	6.5	3	Hi gh Ri sk of Infecti on
08/06	75.9	>mi n		0.8	0.0	0.0	0	
08/07	74.3	>mi n			0.0	0.0	0	
08/08	72.0	>mi n		2.5	0.0	0.0	0	
08/09	69.4	>mi n	0.01	12.8	6.3	6.3	3	Hi gh Ri sk of Infecti on
08/10	86.7	>mi n	0.22	23.3	7.5	7.5	3	Hi gh Ri sk of Infecti on
08/11	82.2	>mi n	0.01	24.0	1.5	1.5	3	Hi gh Ri sk of Infecti on
08/12	74.0	>mi n		10.3	0.0	0.0	0	

New Preston, CT Powdery Mi ldew - Grape From 2009-08-04 To 2009-08-12

Date	Temperature Hi gh	Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infecti on	Coni di al Index
08/04	77.3	72.0	4.0	0.0	3.0		
08/05	82.2	73.4	13.8	0.0	9.5		
08/06	75.9	67.2	7.5	0.0	0.0		
08/07	74.3	65.7	6.8	0.0	0.0		60 Heavy
08/08	72.0	62.9	4.0	0.0	2.5		50 Medi um
08/09	69.4	66.1	0.0	0.0	10.0		40 Medi um
08/10	86.7	75.2	7.3	0.0	19.5	Heavy	60 Heavy
08/11	82.2	74.4	15.3	0.0	24.0	Heavy	80 Heavy
08/12	74.0	68.5	3.8	0.0	10.8	Heavy	70 Heavy

Leaf Wetness Sensor Parameters:  
 Base Temperature 0.0  
 Upper Temperature 100.0

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6.0

Wetness Threshold

New Preston, CT Phomopsis Cane+Leaf Spot - Grape From 2009-08-04 To 2009-08-12

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Di sease Catawba	Intensi ty Seyval
08/04	72.0	5.8	0.00	0.0	0.0	0	0
08/05	73.4	24.0	0.00	0.0	0.0	0	0
08/06	67.2	18.5	0.00	0.0	0.0	0	0
08/07	65.7	12.5	0.00	0.0	0.0	0	0
08/08	62.9	15.0	0.00	0.0	0.0	0	0
08/09	66.1	24.0	0.01	6.3	68.6	22 Li ght	46 Moderate
08/10	75.2	24.0	0.22	30.3	73.8	168 Hi gh	216 Hi gh
08/11	74.4	24.0	0.01	54.3	74.1	381 Hi gh	393 Hi gh
08/12	68.5	10.3	0.00	65.0	73.2	521 Hi gh	487 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  
Di sease Intensi ty projects the estimated lesions per leaf