

New\_Peston\_Ri sk\_7\_1\_2009. txt

New Preston, CT Black Rot - Grape From 2009-06-21 To 2009-06-30

Date	Hi gh Temp	Low Temp	Wet Hours	Dai ly Ri sk	Warni ng
06/21	72.2	60.3	21.0	3.06	Infecti on Ri sk
06/22	69.2	62.1	11.5	4.40	Infecti on Ri sk
06/23	75.3	61.7	11.3	1.98	Infecti on Ri sk
06/24	73.9	63.2	15.8	4.39	Infecti on Ri sk
06/25	80.1	61.4	16.8	6.87	Infecti on Ri sk
06/26	78.6	61.5	21.3	9.93	Infecti on Ri sk
06/27	75.0	60.7	9.0	10.94	Infecti on Ri sk
06/28	78.2	59.6	13.8	2.03	Infecti on Ri sk
06/29	78.9	62.1	10.8	3.50	Infecti on Ri sk
06/30	80.1	59.8	5.0	0.50	

New Preston, CT Botrytis - Grape From 2009-06-21 To 2009-06-30

Date	Hi gh Temp	Low Temp	Wet Hours	RH>95 Hours	Dai ly Ri sk	Warni ng
06/21	72.2	60.3	21.0	8.8	2.43	Hi gh Infecti on Ri sk
06/22	69.2	62.1	11.5		0.12	Low Infecti on Ri sk
06/23	75.3	61.7	11.3	0.5	0.10	Low Infecti on Ri sk
06/24	73.9	63.2	15.8		1.23	Hi gh Infecti on Ri sk
06/25	80.1	61.4	16.8	5.8	1.30	Hi gh Infecti on Ri sk
06/26	78.6	61.5	21.3	15.5	2.44	Hi gh Infecti on Ri sk
06/27	75.0	60.7	9.0	6.5	0.00	
06/28	78.2	59.6	13.8	3.3	0.58	Moderate Infecti on Ri sk
06/29	78.9	62.1	10.8	6.0	0.00	
06/30	80.1	59.8	5.0		0.00	

New Preston, CT Downy Mi ldew - Grape From 2009-06-21 To 2009-06-30

Date	Hi gh Temp	Deg Hrs43	Rai n Fall	Wet Hours	Hours>95%RH 43-86	66-77	Ri sk	Warni ng
06/21	72.2	0.0	0.20	21.0	7.3	0.0	1	Primary Infecti on
06/22	69.2	>mi n	0.04	11.5	0.0	0.0	0	
06/23	75.3	>mi n		11.3	0.0	0.0	0	
06/24	73.9	>mi n	0.02	15.8	0.0	0.0	0	
06/25	80.1	>mi n	0.01	16.8	4.0	0.8	3	Hi gh Ri sk of Infecti on
06/26	78.6	>mi n	0.59	21.3	15.0	0.0	1	Possi ble Infecti on
06/27	75.0	>mi n		9.0	6.3	0.0	1	Possi ble Infecti on
06/28	78.2	>mi n		13.8	2.0	0.0	1	Possi ble Infecti on
06/29	78.9	>mi n	0.02	10.8	5.5	0.0	1	Possi ble Infecti on
06/30	80.1	>mi n	0.05	5.0	0.0	0.0	0	

New Preston, CT Powdery Mi ldew - Grape From 2009-06-21 To 2009-06-30

Date	Temperature Hi gh	Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infecti on	Coni di al Index
06/21	72.2	65.6	2.3	0.0	17.8	Heavy	
06/22	69.2	64.9	0.0	0.0	4.8	Heavy	
06/23	75.3	67.0	6.0	0.0	6.3		
06/24	73.9	67.3	5.3	0.0	13.3	Heavy	
06/25	80.1	70.2	13.0	0.0	10.8	Heavy	
06/26	78.6	66.2	4.8	0.0	18.0	Heavy	
06/27	75.0	66.8	7.5	0.0	7.3	Heavy	
06/28	78.2	67.7	9.5	0.0	10.3		
06/29	78.9	69.1	9.0	0.0	7.5		60 Heavy
06/30	80.1	69.1	7.8	0.0	5.3		80 Heavy

New\_Peston\_Risk\_7\_1\_2009.txt

Leaf Wetness Sensor Parameters:

Base Temperature 0.0  
 Upper Temperature 100.0  
 Wetness Threshold 6.0

New Preston, CT Phomopsis Cane+Leaf Spot - Grape From 2009-06-21 To 2009-06-30

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Di sease Catawba	Intensi ty Seyval
06/21	65.6	24.0	0.20	21.8	66.2	139 High	168 High
06/22	64.9	24.0	0.04	45.8	65.5	405 High	362 High
06/23	67.0	24.0	0.00	69.8	66.0	736 High	563 High
06/24	67.3	24.0	0.02	93.8	66.3	1118 High	768 High
06/25	70.2	24.0	0.01	117.8	67.1	1529 High	975 High
06/26	66.2	24.0	0.59	141.8	67.0	1999 High	1182 High
06/27	66.8	24.0	0.00	165.8	66.9	2501 High	1390 High
06/28	67.7	23.8	0.00	185.3	67.1	2925 High	1561 High
06/29	69.1	20.3	0.02	14.3	71.4	65 Moderate	105 High
06/30	69.1	17.5	0.05	1.3	62.0	2 Light	8 Light

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