

New\_Preston\_Risk\_6\_5\_2009.txt

SpecWare 9 Pro - New Preston, CT Black Rot - Grape From 2009-05-24 To 2009-06-04

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
05/24	79.8	50.3	10.3	1.15	Infection Risk
05/25	74.2	56.6	2.0	1.41	Infection Risk
05/26	60.8	45.6	0.3	0.01	
05/27	59.3	43.4	6.0	0.48	
05/28	56.5	49.8	19.5	1.68	Infection Risk
05/29	69.5	48.3	16.8	2.97	Infection Risk
05/30	72.4	53.8	6.5	3.47	Infection Risk
05/31	73.4	46.1	6.0	0.31	
06/01	66.8	39.5		0.00	
06/02	74.1	53.1	7.3	0.32	
06/03	66.3	52.8	8.0	0.46	
06/04	53.3	52.0	6.8	0.83	

SpecWare 9 Pro - New Preston, CT Botrytis - Grape From 2009-05-24 To 2009-06-04

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
05/24	79.8	50.3	10.3	4.8	0.00	
05/25	74.2	56.6	2.0	0.8	0.00	
05/26	60.8	45.6	3.0		0.00	
05/27	59.3	43.4	13.5	4.3	0.00	
05/28	56.5	49.8	19.5	20.8	1.70	High Infection Risk
05/29	69.5	48.3	16.8	13.5	1.33	High Infection Risk
05/30	72.4	53.8	6.5		0.00	
05/31	73.4	46.1	6.0		0.00	
06/01	66.8	39.5			0.00	
06/02	74.1	53.1	7.3		0.00	
06/03	66.3	52.8	8.0	0.5	0.00	
06/04	53.3	52.0	6.8	6.0	0.00	

SpecWare 9 Pro - New Preston, CT Downy Mildew - Grape From 2009-05-24 To 2009-06-04

Date	High Temp	Deg Hrs<43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
05/24	79.8	0.0	0.32	10.3	4.5	0.0	1	Primary Infection
05/25	74.2	>min	0.01	2.0	0.8	0.0	1	Possible Infection
05/26	60.8	>min	0.08	3.0	0.0	0.0	0	
05/27	59.3	>min	0.10	13.5	3.5	0.0	1	Possible Infection
05/28	56.5	>min		19.5	19.5	0.0	1	Possible Infection
05/29	69.5	>min	0.11	16.8	12.3	0.0	1	Possible Infection
05/30	72.4	>min	0.01	6.5	0.0	0.0	0	
05/31	73.4	>min		6.0	0.0	0.0	0	
06/01	66.8	>min			0.0	0.0	0	
06/02	74.1	>min		7.3	0.0	0.0	0	
06/03	66.3	>min	0.03	8.0	0.3	0.0	0	
06/04	53.3	>min	0.04	6.8	5.8	0.0	1	Possible Infection

SpecWare 9 Pro - New Preston, CT Powdery Mildew - Grape From 2009-05-24 To 2009-06-04

Date	Temperature High	Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
05/24	79.8	62.6	4.8	0.0	10.3		
05/25	74.2	65.4	7.3	0.0	2.0		
05/26	60.8	52.4	0.0	0.0	3.0		

New\_Preston\_Risk\_6\_5\_2009.txt

05/27	59.3	51.7	0.0	0.0	13.3	
05/28	56.5	53.8	0.0	0.0	18.8	Heavy
05/29	69.5	57.8	0.0	0.0	15.8	Heavy
05/30	72.4	63.1	4.3	0.0	6.5	Heavy
05/31	73.4	59.6	5.8	0.0	6.0	
06/01	66.8	54.3	0.0	0.0	0.0	
06/02	74.1	62.9	7.0	0.0	6.5	
06/03	66.3	58.0	0.0	0.0	7.8	
06/04	53.3	52.4	0.0	0.0	7.3	

Leaf Wetness Sensor Parameters:

Base Temperature 0.0  
 Upper Temperature 100.0  
 Wetness Threshold 6.0

SpecWare 9 Pro - New Preston, CT Phomopsis Cane+Leaf Spot - Grape From 2009-05-24 To 2009-06-04

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Di sease Intensi ty Catawba	Seyval
05/24	62.6	11.3	0.32	9.8	61.9	44 Moderate	69 Moderate
05/25	65.4	2.8	0.01	11.3	63.1	55 Moderate	82 Moderate
05/26	52.4	3.5	0.08	3.5	47.3	3 Li ght	7 Li ght
05/27	51.7	15.3	0.10	11.3	45.5	9 Li ght	15 Li ght
05/28	53.8	22.3	0.00	0.0	0.0	0	0
05/29	57.8	24.0	0.11	22.5	58.4	134 Hi gh	145 Hi gh
05/30	63.1	10.5	0.01	29.0	58.1	191 Hi gh	187 Hi gh
05/31	59.6	6.0	0.00	0.0	0.0	0	0
06/01	54.3	0.0	0.00	0.0	0.0	0	0
06/02	62.9	8.8	0.00	0.0	0.0	0	0
06/03	58.0	8.8	0.03	7.5	54.9	23 Li ght	38 Moderate
06/04	52.4	6.8	0.04	14.0	53.4	51 Moderate	65 Moderate

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