

New Preston CT Black Rot - Grape From 2010-07-22 To 2010-08-05

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
07/22	82.1	62.1	9.0	1.36	Infection Risk
07/23	73.7	62.6	22.0	3.65	Infection Risk
07/24	88.4	71.6	7.8	4.92	Infection Risk
07/25	82.3	63.9	6.0	0.69	
07/26	80.9	58.7		0.00	
07/27	84.9	56.8		0.00	
07/28	86.0	62.1		0.00	
07/29	82.7	63.6	0.5	0.09	
07/30	77.0	58.8		0.00	
07/31	78.1	53.4		0.00	
08/01	79.6	55.1		0.00	
08/02	81.0	62.6		0.00	
08/03	82.0	64.7		0.00	
08/04	87.4	69.9	2.5	0.41	
08/05	72.8	70.2	7.3	1.67	Infection Risk

New Preston CT Botrytis - Grape From 2010-07-22 To 2010-08-05

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
07/22	82.1	62.1	9.0	6.3	0.00	
07/23	73.7	62.6	22.0	10.8	2.91	High Infection Risk
07/24	88.4	71.6	7.8	8.0	0.00	
07/25	82.3	63.9	6.0	2.0	0.00	
07/26	80.9	58.7			0.00	
07/27	84.9	56.8			0.00	
07/28	86.0	62.1			0.00	
07/29	82.7	63.6	0.5		0.00	
07/30	77.0	58.8			0.00	
07/31	78.1	53.4			0.00	
08/01	79.6	55.1			0.00	
08/02	81.0	62.6			0.00	
08/03	82.0	64.7			0.00	
08/04	87.4	69.9	2.5	0.5	0.00	
08/05	72.8	70.2	7.3	7.3	0.00	

New Preston CT SpecWare 9 Pro - Hopkins2010 Downy Mildew - Grape From 2010-07-22 To 2010-08-05

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95RH 43-86	66-77	Risk	Warning
07/22	82.1	0.0	0.01	9.0	5.8	1.0	1	Primary Infection
07/23	73.7	>min		22.0	9.8	9.8	3	High Risk of Infection
07/24	88.4	>min		7.8	7.8	7.8	3	High Risk of Infection
07/25	82.3	>min		6.0	0.5	0.5	3	High Risk of Infection
07/26	80.9	>min			0.0	0.0	0	
07/27	84.9	>min			0.0	0.0	0	
07/28	86.0	>min			0.0	0.0	0	
07/29	82.7	>min		0.5	0.0	0.0	0	
07/30	77.0	>min			0.0	0.0	0	
07/31	78.1	>min			0.0	0.0	0	
08/01	79.6	>min			0.0	0.0	0	
08/02	81.0	>min			0.0	0.0	0	
08/03	82.0	>min			0.0	0.0	0	
08/04	87.4	>min		2.5	0.3	0.3	0	
08/05	72.8	>min		7.3	7.3	7.3	3	High Risk of Infection

New Preston CT Powdery Mildew - Grape From 2010-07-22 To 2010-08-05

Date	Temperature High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
07/22	82.1	72.1	14.8	0.0	8.5		
07/23	73.7	68.4	5.3	0.0	20.3	Heavy	
07/24	88.4	79.7	16.5	0.0	7.8	Heavy	
07/25	82.3	74.8	24.0	0.0	4.8		
07/26	80.9	69.9	11.3	0.0	0.0		60 Heavy
07/27	84.9	71.6	13.0	0.0	0.0		80 Heavy
07/28	86.0	75.2	14.8	0.0	0.0		100 Heavy
07/29	82.7	75.1	21.8	0.0	0.0		100 Heavy
07/30	77.0	68.3	9.8	0.0	0.0		100 Heavy
07/31	78.1	66.3	9.0	0.0	0.0		100 Heavy
08/01	79.6	67.8	9.8	0.0	0.0		100 Heavy
08/02	81.0	70.5	10.5	0.0	0.0		100 Heavy
08/03	82.0	72.2	15.0	0.0	0.0		100 Heavy
08/04	87.4	76.9	20.3	0.0	1.8		100 Heavy
08/05	72.8	71.7	7.3	0.0	7.8		100 Heavy

New Preston CT Phomopsis Cane+Leaf Spot - Grape From 2010-07-22 To 2010-08-05

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
07/22	72.1	12.8	0.01	8.8	65.6	38 Moderate	65 Moderate
07/23	68.4	24.0	0.00	0.0	0.0	0	0
07/24	79.7	8.5	0.00	0.0	0.0	0	0
07/25	74.8	9.3	0.00	0.0	0.0	0	0
07/26	69.9	1.3	0.00	0.0	0.0	0	0
07/27	71.6	1.8	0.00	0.0	0.0	0	0
07/28	75.2	0.0	0.00	0.0	0.0	0	0
07/29	75.1	1.5	0.00	0.0	0.0	0	0
07/30	68.3	0.0	0.00	0.0	0.0	0	0
07/31	66.3	0.0	0.00	0.0	0.0	0	0
08/01	67.8	1.5	0.00	0.0	0.0	0	0
08/02	70.5	0.0	0.00	0.0	0.0	0	0
08/03	72.2	0.0	0.00	0.0	0.0	0	0
08/04	76.9	3.8	0.00	0.0	0.0	0	0
08/05	71.7	7.3	0.00	0.0	0.0	0	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