

New Preston CT Black Rot - Grape From 2010-08-15 To 2010-09-02

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
08/15	73.9	59.8	13.8	1.03	Infection Risk
08/16	76.9	64.9	16.5	3.58	Infection Risk
08/17	82.4	66.9	5.5	4.54	Infection Risk
08/18	81.1	61.6		0.00	
08/19	85.4	59.1		0.00	
08/20	77.7	59.4	3.3	0.47	
08/21	75.3	58.8		0.00	
08/22	71.7	66.1	19.5	3.30	Infection Risk
08/23	65.7	60.6	9.5	4.70	Infection Risk
08/24	67.0	61.0		0.00	
08/25	74.0	60.0	6.5	0.72	
08/26	76.6	56.4	6.8	0.99	
08/27	72.6	51.5	2.8	0.16	
08/28	77.3	50.7	2.8	0.12	
08/29	86.0	58.2	4.8	0.54	
08/30	84.5	65.1	0.5	0.08	
08/31	87.7	65.0		0.00	
09/01	88.9	66.3	2.0	0.33	
09/02	70.2	67.5		0.00	

New Preston Botrytis - Grape From 2010-08-15 To 2010-09-02

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
08/15	73.9	59.8	13.8	3.8	0.63	Moderate Infection Risk
08/16	76.9	64.9	16.5	18.0	1.57	High Infection Risk
08/17	82.4	66.9	5.5	5.0	0.00	
08/18	81.1	61.6			0.00	
08/19	85.4	59.1			0.00	
08/20	77.7	59.4	3.3	1.0	0.00	
08/21	75.3	58.8			0.00	
08/22	71.7	66.1	19.5	21.5	2.45	High Infection Risk
08/23	65.7	60.6	9.5	11.8	0.00	
08/24	67.0	61.0			0.00	
08/25	74.0	60.0	6.5	8.3	0.00	
08/26	76.6	56.4	6.8	7.5	0.00	
08/27	72.6	51.5	2.8	2.3	0.00	
08/28	77.3	50.7	2.8	0.3	0.00	
08/29	86.0	58.2	4.8	0.5	0.00	
08/30	84.5	65.1	0.5		0.00	
08/31	87.7	65.0			0.00	
09/01	88.9	66.3	2.0	0.3	0.00	
09/02	70.2	67.5			0.00	

New Preston CT Downy Mildew - Grape From 2010-08-15 To 2010-09-02

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours >95%RH 43-86	66-77	Risk	Warning
08/15	73.9	0.0		13.8	3.5	0.0	1	Primary Infection
08/16	76.9	>min		16.5	16.5	11.0	3	High Risk of Infection
08/17	82.4	>min		5.5	5.0	5.0	3	High Risk of Infection
08/18	81.1	>min	0.01		0.0	0.0	0	
08/19	85.4	>min	0.01		0.0	0.0	0	
08/20	77.7	>min		3.3	0.3	0.0	0	
08/21	75.3	>min			0.0	0.0	0	
08/22	71.7	>min		19.5	19.0	19.0	3	High Risk of Infection
08/23	65.7	>min	0.36	9.5	10.8	0.0	1	Possible Infection
08/24	67.0	>min	0.71		0.0	0.0	0	
08/25	74.0	>min	0.08	6.5	6.0	0.0	1	Possible Infection
08/26	76.6	>min	0.03	6.8	7.0	0.0	1	Possible Infection
08/27	72.6	>min	0.02	2.8	1.8	0.0	1	Possible Infection
08/28	77.3	>min	0.02	2.8	0.0	0.0	0	
08/29	86.0	>min	0.01	4.8	0.3	0.0	0	
08/30	84.5	>min		0.5	0.0	0.0	0	
08/31	87.7	>min	0.01		0.0	0.0	0	
09/01	88.9	>min		2.0	0.0	0.0	0	
09/02	70.2	>min			0.0	0.0	0	

New Preston CT Powdery Mildew - Grape From 2010-08-15 To 2010-09-02

Date	Temperature High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
08/15	73.9	66.7	7.8	0.0	13.0		
08/16	76.9	70.6	13.8	0.0	15.8	Heavy	
08/17	82.4	74.3	17.5	0.0	5.5	Heavy	60 Heavy
08/18	81.1	69.5	11.5	0.0	0.0		80 Heavy
08/19	85.4	73.0	13.8	0.0	0.0		100 Heavy
08/20	77.7	69.6	11.5	0.0	3.0		100 Heavy
08/21	75.3	67.6	9.8	0.0	0.0		100 Heavy
08/22	71.7	68.2	3.3	0.0	17.0	Heavy	90 Heavy
08/23	65.7	63.2	0.0	0.0	9.0	Heavy	80 Heavy
08/24	67.0	63.4	0.0	0.0	0.0		70 Heavy
08/25	74.0	66.1	6.8	0.0	6.0		90 Heavy
08/26	76.6	67.4	8.5	0.0	6.0		100 Heavy
08/27	72.6	62.4	4.5	0.0	2.3		90 Heavy
08/28	77.3	64.0	8.0	0.0	2.0		100 Heavy
08/29	86.0	72.4	7.5	0.0	4.3		100 Heavy
08/30	84.5	75.3	19.3	0.0	0.0		100 Heavy
08/31	87.7	77.5	13.5	0.0	0.0		100 Heavy
09/01	88.9	78.2	5.8	0.0	1.5		90 Heavy
09/02	70.2	69.2	6.5	0.0	0.0		100 Heavy

New Preston CT Phomopsis Cane+Leaf Spot - Grape From 2010-08-15 To 2010-09-02

Date	Temp	Wet	Rain-	Wet+	Wet	Disease Intensity	
	Mean	Hours	Fall	Rain	Temp	Catawba	Seyval
08/15	66.7	16.0	0.00	0.0	0.0	0	0
08/16	70.6	19.5	0.00	0.0	0.0	0	0
08/17	74.3	6.0	0.00	0.0	0.0	0	0
08/18	69.5	0.0	0.01	0.0	0.0	0	0
08/19	73.0	0.0	0.01	0.0	0.0	0	0
08/20	69.6	5.0	0.00	0.0	0.0	0	0
08/21	67.6	0.0	0.00	0.0	0.0	0	0
08/22	68.2	22.5	0.00	0.0	0.0	0	0
08/23	63.2	11.0	0.36	0.0	0.0	0	0
08/24	63.4	0.0	0.71	0.0	0.0	0	0
08/25	66.1	7.5	0.08	7.5	60.6	30 Light	50 Moderate
08/26	67.4	8.5	0.03	0.0	0.0	0	0
08/27	62.4	3.5	0.02	0.0	0.0	0	0
08/28	64.0	6.3	0.02	0.0	0.0	0	0
08/29	72.4	8.0	0.01	0.0	0.0	0	0
08/30	75.3	1.0	0.00	0.0	0.0	0	0
08/31	77.5	0.3	0.01	0.0	0.0	0	0
09/01	78.2	3.8	0.00	0.0	0.0	0	0
09/02	69.2	1.0	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