

New Preston CT Black Rot - Grape From 2010-07-07 To 2010-07-23

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
07/07	95.5	73.9	11.0	0.80	
07/08	85.4	69.7	19.0	3.80	Infection Risk
07/09	87.0	70.3	15.3	6.33	Infection Risk
07/10	76.4	66.6	23.8	10.38	Infection Risk
07/11	85.9	65.6	13.5	11.90	Infection Risk
07/12	89.8	64.4	10.8	2.07	Infection Risk
07/13	83.3	68.4	18.8	3.62	Infection Risk
07/14	77.7	69.7	24.0	7.64	Infection Risk
07/15	84.8	66.4	14.3	9.31	Infection Risk
07/16	90.3	67.8	14.5	2.49	Infection Risk
07/17	88.8	67.9	12.3	2.17	Infection Risk
07/18	87.7	65.1	7.3	1.76	Infection Risk
07/19	86.8	65.1	10.5	0.97	
07/20	83.4	67.3	13.8	3.32	Infection Risk
07/21	87.0	66.6	15.8	6.00	Infection Risk
07/22	82.1	62.1	9.0	7.36	Infection Risk
07/23	70.5	62.6	8.5	1.34	Infection Risk

New Preston CT Botrytis - Grape From 2010-07-07 To 2010-07-23

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
07/07	95.5	73.9	11.0		0.00	
07/08	85.4	69.7	19.0	7.5	1.81	High Infection Risk
07/09	87.0	70.3	15.3	7.3	1.02	High Infection Risk
07/10	76.4	66.6	23.8	13.5	3.23	High Infection Risk
07/11	85.9	65.6	13.5	6.8	0.70	Moderate Infection Risk
07/12	89.8	64.4	10.8	4.3	0.01	Low Infection Risk
07/13	83.3	68.4	18.8	6.3	1.98	High Infection Risk
07/14	77.7	69.7	24.0	14.0	3.16	High Infection Risk
07/15	84.8	66.4	14.3	3.0	0.88	Moderate Infection Risk
07/16	90.3	67.8	14.5	8.5	0.86	Moderate Infection Risk
07/17	88.8	67.9	12.3	4.0	0.33	Low Infection Risk
07/18	87.7	65.1	7.3		0.00	
07/19	86.8	65.1	10.5	0.3	0.00	
07/20	83.4	67.3	13.8	1.3	0.78	Moderate Infection Risk
07/21	87.0	66.6	15.8	5.3	1.31	High Infection Risk
07/22	82.1	62.1	9.0	6.3	0.00	
07/23	70.5	62.6	8.5		0.00	

New Preston CT Downy Mildew - Grape From 2010-07-07 To 2010-07-23

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
07/07	95.5	0.0		11.0	0.0	0.0	0	Primary Infection
07/08	85.4	>min		19.0	5.5	5.5	3	High Risk of Infection
07/09	87.0	>min		15.3	5.5	5.5	3	High Risk of Infection
07/10	76.4	>min	0.31	23.8	11.3	11.3	3	High Risk of Infection
07/11	85.9	>min		13.5	6.5	5.8	3	High Risk of Infection
07/12	89.8	>min		10.8	4.0	1.8	3	High Risk of Infection
07/13	83.3	>min		18.8	5.0	5.0	3	High Risk of Infection
07/14	77.7	>min	0.02	24.0	11.3	11.3	3	High Risk of Infection
07/15	84.8	>min	0.01	14.3	1.5	1.5	3	High Risk of Infection
07/16	90.3	>min		14.5	8.0	8.0	3	High Risk of Infection
07/17	88.8	>min		12.3	3.3	3.3	3	High Risk of Infection
07/18	87.7	>min		7.3	0.0	0.0	0	
07/19	86.8	>min		10.5	0.0	0.0	0	
07/20	83.4	>min		13.8	1.0	1.0	3	High Risk of Infection
07/21	87.0	>min	0.03	15.8	4.5	4.5	3	High Risk of Infection
07/22	82.1	>min	0.01	9.0	5.8	1.0	3	High Risk of Infection
07/23	70.5	>min		8.5	0.0	0.0	0	

New Preston CT Powdery Mildew - Grape From 2010-07-07 To 2010-07-23

Date	Temperature High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
07/07	95.5	84.3	9.5	0.5	8.3		
07/08	85.4	75.7	24.0	0.0	18.3	Heavy	
07/09	87.0	76.8	21.3	0.0	15.0	Heavy	60 Heavy
07/10	76.4	71.4	18.5	0.0	23.8	Heavy	80 Heavy
07/11	85.9	75.0	8.3	0.0	12.5	Heavy	100 Heavy
07/12	89.8	76.4	12.8	0.0	10.0	Heavy	100 Heavy
07/13	83.3	73.7	19.0	0.0	18.5	Heavy	100 Heavy
07/14	77.7	72.9	23.8	0.0	23.3	Heavy	100 Heavy
07/15	84.8	75.1	19.3	0.0	13.8	Heavy	100 Heavy
07/16	90.3	77.7	6.3	0.0	14.0	Heavy	100 Heavy
07/17	88.8	77.9	15.0	0.0	10.3		100 Heavy
07/18	87.7	77.1	15.5	0.0	6.5		100 Heavy
07/19	86.8	73.9	7.5	0.0	7.5		100 Heavy
07/20	83.4	73.8	16.8	0.0	12.8	Heavy	100 Heavy
07/21	87.0	72.9	6.3	0.0	15.3	Heavy	100 Heavy
07/22	82.1	72.1	14.8	0.0	8.5	Heavy	100 Heavy
07/23	70.5	66.6	0.8	0.0	8.3		90 Heavy

New Preston CT Phomopsis Cane+Leaf Spot - Grape From 2010-07-07 To 2010-07-23

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
07/07	84.3	14.5	0.00	0.0	0.0	0	0
07/08	75.7	22.0	0.00	0.0	0.0	0	0
07/09	76.8	18.0	0.00	0.0	0.0	0	0
07/10	71.4	24.0	0.31	14.5	71.5	67 Moderate	106 High
07/11	75.0	16.5	0.00	25.5	70.9	153 High	193 High
07/12	76.4	13.5	0.00	0.0	0.0	0	0
07/13	73.7	20.3	0.00	0.0	0.0	0	0
07/14	72.9	24.0	0.02	6.3	72.6	19 Light	43 Moderate
07/15	75.1	17.3	0.01	15.3	70.8	74 Moderate	113 High
07/16	77.7	17.3	0.00	0.0	0.0	0	0
07/17	77.9	13.8	0.00	0.0	0.0	0	0
07/18	77.1	9.8	0.00	0.0	0.0	0	0
07/19	73.9	15.0	0.00	0.0	0.0	0	0
07/20	73.8	16.0	0.00	0.0	0.0	0	0
07/21	72.9	17.0	0.03	6.0	68.8	21 Light	44 Moderate
07/22	72.1	12.8	0.01	15.8	66.9	86 Moderate	120 High
07/23	66.6	9.3	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