

New Preston CT Black Rot - Grape From 2010-09-22 To 2010-10-05

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
09/22	83.2	56.2	4.3	0.64	
09/23	78.9	57.5	5.0	1.29	Infection Risk
09/24	83.7	58.6	9.8	0.84	
09/25	83.0	59.6	3.0	0.91	
09/26	73.6	51.9	0.3	0.01	
09/27	65.2	54.4	18.8	1.82	Infection Risk
09/28	71.3	65.5	21.8	5.59	Infection Risk
09/29	75.8	58.6	5.8	6.42	Infection Risk
09/30	72.8	61.8	17.8	3.00	Infection Risk
10/01	71.8	51.2	19.3	5.19	Infection Risk
10/02	60.9	45.8		0.00	
10/03	60.2	43.4		0.00	
10/04	54.0	48.2	8.0	0.37	
10/05	49.6	48.9	2.5	0.47	

New Preston CT Botrytis - Grape From 2010-09-22 To 2010-10-05

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
09/22	83.2	56.2	4.3	2.5	0.00	
09/23	78.9	57.5	5.0		0.00	
09/24	83.7	58.6	9.8	6.5	0.00	
09/25	83.0	59.6	3.0	0.3	0.00	
09/26	73.6	51.9	0.3		0.00	
09/27	65.2	54.4	18.8	18.8	1.60	High Infection Risk
09/28	71.3	65.5	21.8	21.3	2.84	High Infection Risk
09/29	75.8	58.6	5.8	4.3	0.00	
09/30	72.8	61.8	17.8	18.0	1.74	High Infection Risk
10/01	71.8	51.2	19.3	16.8	1.56	High Infection Risk
10/02	60.9	45.8			0.00	
10/03	60.2	43.4			0.00	
10/04	54.0	48.2	8.0		0.00	
10/05	49.6	48.9	2.5	1.0	0.00	

New Preston CT Downy Mildew - Grape From 2010-09-22 To 2010-10-05

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
09/22	83.2	0.0	0.04	4.3	1.5	1.5	1	Primary Infection
09/23	78.9	>min		5.0	0.0	0.0	0	
09/24	83.7	>min		9.8	4.8	0.0	1	Possible Infection
09/25	83.0	>min		3.0	0.0	0.0	0	
09/26	73.6	>min		0.3	0.0	0.0	0	
09/27	65.2	>min	0.03	18.8	18.3	0.0	1	Possible Infection
09/28	71.3	>min	0.03	21.8	20.3	19.8	3	High Risk of Infection
09/29	75.8	>min	0.01	5.8	3.0	1.8	3	High Risk of Infection
09/30	72.8	>min	0.06	17.8	14.3	12.0	3	High Risk of Infection
10/01	71.8	>min	0.01	19.3	11.8	5.5	3	High Risk of Infection
10/02	60.9	>min	0.01		0.0	0.0	0	
10/03	60.2	>min	0.01		0.0	0.0	0	
10/04	54.0	>min		8.0	0.0	0.0	0	
10/05	49.6	>min		2.5	0.3	0.0	0	

New Preston CT Powdery Mildew - Grape From 2010-09-22 To 2010-10-05

Date	Temperature High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
09/22	83.2	68.3	10.0	0.0	4.3		
09/23	78.9	67.5	9.0	0.0	3.8		
09/24	83.7	69.4	10.8	0.0	8.5		60 Heavy
09/25	83.0	73.0	16.5	0.0	2.8		80 Heavy
09/26	73.6	62.3	5.0	0.0	0.3		70 Heavy
09/27	65.2	58.2	0.0	0.0	18.8	Heavy	60 Heavy
09/28	71.3	69.4	3.8	0.0	21.5	Heavy	50 Medium
09/29	75.8	66.9	6.8	0.0	3.8	Heavy	70 Heavy
09/30	72.8	68.8	14.0	0.0	17.8	Heavy	90 Heavy
10/01	71.8	60.4	6.0	0.0	19.3	Heavy	100 Heavy
10/02	60.9	52.2	0.0	0.0	0.0		90 Heavy
10/03	60.2	50.3	0.0	0.0	0.0		80 Heavy
10/04	54.0	50.3	0.0	0.0	3.8		70 Heavy
10/05	49.6	49.3	0.0	0.0	1.3		60 Heavy

New Preston CT Phomopsis Cane+Leaf Spot - Grape From 2010-09-22 To 2010-10-05

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
09/22	68.3	5.0	0.04	3.0	67.8	8 Light	21 Light
09/23	67.5	7.0	0.00	6.3	67.2	23 Light	46 Moderate
09/24	69.4	13.0	0.00	0.0	0.0	0	0
09/25	73.0	4.8	0.00	0.0	0.0	0	0
09/26	62.3	0.8	0.00	0.0	0.0	0	0
09/27	58.2	20.3	0.03	17.5	59.1	96 High	115 High
09/28	69.4	22.0	0.03	34.0	64.0	267 High	262 High
09/29	66.9	7.8	0.01	14.3	66.3	76 Moderate	108 High
09/30	68.8	18.0	0.06	14.3	72.1	63 Moderate	103 High
10/01	60.4	19.5	0.01	33.8	66.2	260 High	265 High
10/02	52.2	0.0	0.01	0.0	0.0	0	0
10/03	50.3	0.0	0.01	0.0	0.0	0	0
10/04	50.3	10.0	0.00	0.0	0.0	0	0
10/05	49.3	4.3	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