

Deerfield MA Black Rot - Grape From 2010-05-20 To 2010-06-03

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
05/20	84.8	47.4	7.8	0.35	
05/21	85.8	53.0	6.8	0.58	
05/22	79.4	53.1	0.3	0.01	
05/23	80.6	52.1	7.8	0.33	
05/24	84.0	55.4	9.8	0.97	
05/25	90.7	61.4	8.3	1.36	Infection Risk
05/26	95.2	60.7	7.8	1.08	Infection Risk
05/27	79.9	58.8	10.8	1.00	Infection Risk
05/28	80.9	50.2	7.0	0.93	
05/29	78.8	54.4	6.8	0.82	
05/30	81.6	58.4	7.8	1.68	Infection Risk
05/31	84.6	58.6		0.00	
06/01	76.4	57.9	7.3	1.22	Infection Risk
06/02	87.2	57.3	7.3	1.99	Infection Risk
06/03	75.3	64.5		0.00	

Deerfield MA Downy Mildew - Grape From 2010-05-20 To 2010-06-03

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
05/20	84.8	0.0		8.3	8.8	0.0	1	Primary Infection
05/21	85.8	>min		6.8	2.8	0.0	1	Possible Infection
05/22	79.4	>min		0.3	0.0	0.0	0	
05/23	80.6	>min		7.8	1.8	0.0	1	Possible Infection
05/24	84.0	>min		9.8	7.0	0.0	1	Possible Infection
05/25	90.7	>min		8.3	7.5	0.3	1	Possible Infection
05/26	95.2	>min	0.13	7.8	3.8	0.0	1	Possible Infection
05/27	79.9	>min	0.02	10.8	0.0	0.0	0	
05/28	80.9	>min		7.0	1.8	0.0	1	Possible Infection
05/29	78.8	>min	0.01	6.8	1.3	0.0	1	Possible Infection
05/30	81.6	>min		7.8	7.8	0.0	1	Possible Infection
05/31	84.6	>min			0.0	0.0	0	
06/01	76.4	>min	0.12	7.3	1.5	1.5	3	High Risk of Infection
06/02	87.2	>min		7.3	8.0	0.3	1	Possible Infection
06/03	75.3	>min			0.0	0.0	0	

Deerfield MA Powdery Mildew - Grape From 2010-05-20 To 2010-06-03

Date	Temperature		Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
	High	Mean					
05/20	84.8	65.1	8.5	0.0	8.0		
05/21	85.8	69.6	6.8	0.0	6.5		
05/22	79.4	65.2	8.5	0.0	0.0		60 Heavy
05/23	80.6	66.3	9.0	0.0	7.5		80 Heavy
05/24	84.0	69.8	11.8	0.0	9.8		100 Heavy
05/25	90.7	74.4	5.0	0.0	8.3		90 Heavy
05/26	95.2	78.8	3.8	1.0	7.8		80 Heavy
05/27	79.9	67.3	8.0	0.0	10.8		100 Heavy
05/28	80.9	65.5	8.5	0.0	6.5		100 Heavy
05/29	78.8	65.8	7.8	0.0	6.3		100 Heavy
05/30	81.6	70.4	14.3	0.0	7.5		100 Heavy
05/31	84.6	70.2	11.3	0.0	0.0		100 Heavy
06/01	76.4	66.6	5.8	0.0	6.5		90 Heavy
06/02	87.2	71.3	5.0	0.0	7.3	Heavy	80 Heavy
06/03	75.3	66.7	1.0	0.0	0.0		70 Heavy

Deerfield MA Phomopsis Cane+Leaf Spot - Grape From 2010-05-20 To 2010-06-03

Date	Temp Mean	Wet Hours	Rain- Fall	Wet+ Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
05/20	65.1	9.3	0.00	0.0	0.0	0	0
05/21	69.6	7.3	0.00	0.0	0.0	0	0
05/22	65.2	1.3	0.00	0.0	0.0	0	0
05/23	66.3	8.8	0.00	0.0	0.0	0	0
05/24	69.8	10.0	0.00	0.0	0.0	0	0
05/25	74.4	9.0	0.00	0.0	0.0	0	0
05/26	78.8	7.8	0.13	0.8	63.4	1 Light	5 Light
05/27	67.3	11.0	0.02	8.0	61.9	33 Moderate	56 Moderate
05/28	65.5	7.5	0.00	0.0	0.0	0	0
05/29	65.8	8.3	0.01	0.5	72.3	1 Light	3 Light
05/30	70.4	7.8	0.00	0.0	0.0	0	0
05/31	70.2	0.0	0.00	0.0	0.0	0	0
06/01	66.6	8.0	0.12	2.0	70.6	4 Light	14 Light
06/02	71.3	7.8	0.00	0.0	0.0	0	0
06/03	66.7	0.0	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