

Deerfield MA Black Rot - Grape From 2012-05-22 To 2012-06-04

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
05/22	71.5	61.4	15.5	2.05	Infection Risk
05/23	83.4	59.2	11.0	2.78	Infection Risk
05/24	80.1	62.3	12.8	1.72	Infection Risk
05/25	76.8	61.6	13.3	2.67	Infection Risk
05/26	87.4	63.9	7.5	3.86	Infection Risk
05/27	84.1	54.4	4.8	0.41	
05/28	88.1	60.8	4.0	0.53	
05/29	92.6	65.9	6.3	0.94	
05/30	79.9	61.5	15.8	2.32	Infection Risk
05/31	79.5	55.5	7.0	1.61	Infection Risk
06/01	75.1	49.3	3.0	0.11	
06/02	59.3	50.9	23.3	1.72	Infection Risk
06/03	73.0	48.5	14.5	2.13	Infection Risk
06/04	53.3	52.1	3.3	0.76	

Deerfield Downy Mildew - Grape From 2012-05-22 To 2012-06-04

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
05/22	71.5	0.0	0.08	15.5	13.0	0.0	1	Primary Infection
05/23	83.4	>min		11.0	9.0	0.0	1	Possible Infection
05/24	80.1	>min	0.33	12.8	12.0	1.8	3	High Risk of Infection
05/25	76.8	>min		13.3	14.3	2.3	3	High Risk of Infection
05/26	87.4	>min		7.5	8.0	3.8	3	High Risk of Infection
05/27	84.1	>min		4.8	0.0	0.0	0	
05/28	88.1	>min		4.0	0.5	0.0	1	Possible Infection
05/29	92.6	>min	0.97	6.3	4.5	4.0	3	High Risk of Infection
05/30	79.9	>min	0.08	15.8	15.5	2.5	3	High Risk of Infection
05/31	79.5	>min	0.01	7.0	7.0	0.0	1	Possible Infection
06/01	75.1	>min		3.0	0.0	0.0	0	
06/02	59.3	>min	1.93	23.3	18.5	0.0	1	Possible Infection
06/03	73.0	>min	0.43	14.5	8.8	0.0	1	Possible Infection
06/04	53.3	>min		3.3	0.0	0.0	0	

Deerfield Powdery Mildew - Grape From 2012-05-22 To 2012-06-04

Date	Temperature		Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
	High	Mean					
05/22	71.5	64.9	1.3	0.0	15.5	Heavy	
05/23	83.4	68.8	9.8	0.0	11.0	Heavy	
05/24	80.1	69.2	9.8	0.0	12.8		
05/25	76.8	66.7	6.5	0.0	13.3	Heavy	60 Heavy
05/26	87.4	73.0	3.5	0.0	7.3	Heavy	50 Medium
05/27	84.1	71.2	14.3	0.0	4.8		70 Heavy
05/28	88.1	74.4	6.0	0.0	4.0		90 Heavy
05/29	92.6	75.4	8.0	0.0	6.3		100 Heavy
05/30	79.9	68.2	7.0	0.0	15.8	Heavy	100 Heavy
05/31	79.5	68.0	11.0	0.0	7.0	Heavy	100 Heavy
06/01	75.1	63.2	6.5	0.0	3.0		100 Heavy
06/02	59.3	54.9	0.0	0.0	23.3	Heavy	90 Heavy
06/03	73.0	59.1	1.0	0.0	14.5	Heavy	80 Heavy
06/04	53.3	52.8	0.0	0.0	3.0		70 Heavy

SpecWare 9 Pro - Deerfield2012 Phomopsis Cane+Leaf Spot - Grape From 2012-05-22 To 2012-06-04

Date	Temp Mean	Wet Hours	Rain- Fall	Wet+ Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
05/22	64.9	16.0	0.08	7.8	63.1	32 Moderate	55 Moderate
05/23	68.8	11.3	0.00	0.0	0.0	0	0
05/24	69.2	13.0	0.33	5.5	66.8	19 Light	40 Moderate
05/25	66.7	13.5	0.00	15.0	63.9	83 Moderate	112 High
05/26	73.0	7.5	0.00	0.0	0.0	0	0
05/27	71.2	4.8	0.00	0.0	0.0	0	0
05/28	74.4	4.5	0.00	0.0	0.0	0	0
05/29	75.4	8.5	0.97	5.5	67.0	19 Light	40 Moderate
05/30	68.2	16.0	0.08	21.0	65.1	133 High	161 High
05/31	68.0	7.0	0.01	13.3	60.9	68 Moderate	92 High
06/01	63.2	3.0	0.00	0.0	0.0	0	0
06/02	54.9	23.3	1.93	22.8	54.8	113 High	120 High
06/03	59.1	15.3	0.43	39.5	55.0	251 High	216 High
06/04	52.8	4.0	0.00	10.5	55.0	38 Moderate	55 Moderate

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