

Deerfield 2011 Black Rot - Grape From 2011-05-22 To 2011-06-06

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
05/22	69.9	51.9		0.00	
05/23	60.7	51.1	21.8	1.62	Infection Risk
05/24	82.9	58.8	13.0	2.82	Infection Risk
05/25	82.4	53.7	9.5	1.10	Infection Risk
05/26	83.9	56.4	7.5	0.94	
05/27	89.1	59.1	8.3	0.92	
05/28	82.4	64.3	5.0	0.89	
05/29	86.4	65.4	5.8	0.65	
05/30	89.1	66.1	10.3	1.90	Infection Risk
05/31	88.4	59.3	6.3	0.97	
06/01	88.2	61.2	5.0	0.84	
06/02	68.6	51.9		0.00	
06/03	72.2	44.9	0.8	0.03	
06/04	77.7	42.4	0.8	0.04	
06/05	75.0	43.6	1.5	0.06	
06/06	78.7	53.9	4.3	0.33	

Deerfield 2011 Downy Mildew - Grape From 2011-05-22 To 2011-06-06

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
05/22	69.9				0.0	0.0	0	
05/23	60.7	0.0	0.11	21.8	18.3	0.0	1	Primary Infection
05/24	82.9	>min	0.03	13.0	12.8	1.0	3	High Risk of Infection
05/25	82.4	>min		9.5	5.0	0.0	1	Possible Infection
05/26	83.9	>min		7.5	4.0	0.0	1	Possible Infection
05/27	89.1	>min	0.05	8.3	6.8	0.3	1	Possible Infection
05/28	82.4	>min		5.0	1.3	0.0	1	Possible Infection
05/29	86.4	>min		5.8	2.8	2.0	3	High Risk of Infection
05/30	89.1	>min	0.04	10.3	7.0	7.0	3	High Risk of Infection
05/31	88.4	>min		6.3	0.0	0.0	0	
06/01	88.2	>min	0.44	5.0	3.8	3.8	3	High Risk of Infection
06/02	68.6	>min			0.0	0.0	0	
06/03	72.2	>min		4.5	0.0	0.0	0	
06/04	77.7	>min		3.3	0.0	0.0	0	
06/05	75.0	>min		5.8	0.0	0.0	0	
06/06	78.7	>min		4.3	0.0	0.0	0	

Deerfield 2011 Powdery Mildew - Grape From 2011-05-22 To 2011-06-06

Date	Temperature		Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
	High	Mean					
05/22	69.9	58.5	0.0	0.0	0.0		
05/23	60.7	55.3	0.0	0.0	21.8	Heavy	
05/24	82.9	67.6	8.3	0.0	13.0	Heavy	
05/25	82.4	67.6	10.0	0.0	9.3		
05/26	83.9	69.3	10.8	0.0	7.5		60 Heavy
05/27	89.1	73.4	4.8	0.0	8.3		50 Medium
05/28	82.4	70.7	10.5	0.0	5.0		70 Heavy
05/29	86.4	74.4	5.8	0.0	5.8		60 Heavy
05/30	89.1	74.7	4.0	0.0	10.0		50 Medium
05/31	88.4	74.6	6.3	0.0	6.3		70 Heavy
06/01	88.2	71.2	5.0	0.0	5.0		60 Heavy
06/02	68.6	60.7	0.0	0.0	0.0		50 Medium
06/03	72.2	59.1	3.0	0.0	4.3		40 Medium
06/04	77.7	60.8	8.5	0.0	5.5		60 Heavy
06/05	75.0	60.8	3.5	0.0	5.8		50 Medium
06/06	78.7	63.8	3.0	0.0	4.3		40 Medium

Deerfield 2011 Phomopsis Cane+Leaf Spot - Grape From 2011-05-22 To 2011-06-06

Date	Temp Mean	Wet Hours	Rain- Fall	Wet+ Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
05/22	58.5	0.0	0.00	0.0	0.0	0	0
05/23	55.3	22.3	0.11	15.3	57.0	73 Moderate	91 High
05/24	67.6	13.8	0.03	25.0	59.3	161 High	169 High
05/25	67.6	10.5	0.00	0.0	0.0	0	0
05/26	69.3	7.5	0.00	0.0	0.0	0	0
05/27	73.4	8.5	0.05	7.5	61.7	30 Moderate	52 Moderate
05/28	70.7	6.0	0.00	0.0	0.0	0	0
05/29	74.4	6.5	0.00	0.0	0.0	0	0
05/30	74.7	10.8	0.04	2.5	68.8	6 Light	18 Light
05/31	74.6	6.3	0.00	0.0	0.0	0	0
06/01	71.2	5.8	0.44	2.8	71.9	6 Light	19 Light
06/02	60.7	0.0	0.00	0.0	0.0	0	0
06/03	59.1	4.5	0.00	0.0	0.0	0	0
06/04	60.8	5.5	0.00	0.0	0.0	0	0
06/05	60.8	6.0	0.00	0.0	0.0	0	0
06/06	63.8	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