

Deerfield 2011 Black Rot - Grape From 2011-05-29 To 2011-06-10

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
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	83.3	53.9	4.5	0.33	
06/07	90.1	54.3	6.0	0.51	
06/08	93.5	59.9	6.8	0.78	
06/09	88.2	64.0	15.5	2.64	Infection Risk
06/10	64.5	63.4	4.3	3.25	Infection Risk

Deerfield 2011 Downy Mildew - Grape From 2011-05-29 To 2011-06-10

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
05/29	86.4	0.0		5.8	2.8	2.0	1	Primary 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	83.3	>min		4.5	0.0	0.0	0	
06/07	90.1	>min		6.0	1.0	0.0	1	Possible Infection
06/08	93.5	>min		6.8	2.5	0.0	1	Possible Infection
06/09	88.2	>min	0.58	15.5	9.0	7.8	3	High Risk of Infection
06/10	64.5	>min	0.01	4.3	4.3	0.0	1	Possible Infection

Deerfield 2011 Powdery Mildew - Grape From 2011-05-29 To 2011-06-10

Date	Temperature		Hours	Hours	Wet	Ascospore	Conidial
	High	Mean	70-85	>95	Hours	Infection	Index
05/29	86.4	74.4	5.8	0.0	5.8		
05/30	89.1	74.7	4.0	0.0	10.0		
05/31	88.4	74.6	6.3	0.0	6.3		
06/01	88.2	71.2	5.0	0.0	5.0		
06/02	68.6	60.7	0.0	0.0	0.0		
06/03	72.2	59.1	3.0	0.0	4.3		
06/04	77.7	60.8	8.5	0.0	5.5		
06/05	75.0	60.8	3.5	0.0	5.8		
06/06	83.3	68.9	10.8	0.0	4.5		
06/07	90.1	72.4	4.0	0.0	6.0		
06/08	93.5	75.4	4.5	0.0	6.5		
06/09	88.2	71.1	4.5	0.0	15.3	Heavy	
06/10	64.5	64.1	0.0	0.0	4.3	Heavy	

Deerfield 2011 Phomopsis Cane+Leaf Spot - Grape From 2011-05-29 To 2011-06-10

Date	Temp	Wet	Rain-	Wet+	Wet	Disease Intensity	
	Mean	Hours	Fall	Rain	Temp	Catawba	Seyval
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	68.9	4.5	0.00	0.0	0.0	0	0
06/07	72.4	6.8	0.00	0.0	0.0	0	0
06/08	75.4	7.3	0.00	0.0	0.0	0	0
06/09	71.1	17.3	0.58	10.5	66.7	49 Moderate	79 Moderate
06/10	64.1	4.3	0.01	13.3	65.5	69 Moderate	100 High

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