

Deerfield 2011 Black Rot - Grape From 2011-05-01 To 2011-05-13

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
05/01	72.8	38.5		0.00	
05/02	63.7	36.8		0.00	
05/03	76.5	50.6		0.00	
05/04	61.4	43.9	11.3	0.60	
05/05	57.9	39.4	0.3	0.60	
05/06	72.0	32.5		0.01	
05/07	71.9	44.3	0.3	0.04	
05/08	70.2	43.5	1.0	0.04	
05/09	68.1	50.7		0.00	
05/10	69.8	49.6		0.00	
05/11	69.4	52.2		0.00	
05/12	73.9	43.9		0.00	
05/13	56.8	43.7	2.8	0.13	

Deerfield 2011 Downy Mildew - Grape From 2011-05-01 To 2011-05-13

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours >95%RH 43-86	66-77	Risk	Warning
05/01	72.8				0.0	0.0	0	
05/02	63.7				0.0	0.0	0	
05/03	76.5				0.0	0.0	0	
05/04	61.4	0.0	0.25	16.8	1.0	0.0	1	Primary Infection
05/05	57.9	115.1	0.03	4.3	0.0	0.0	0	
05/06	72.0	>min	0.01		0.0	0.0	0	
05/07	71.9	>min	0.01	2.3	0.0	0.0	0	
05/08	70.2	>min		5.3	0.0	0.0	0	
05/09	68.1	>min			0.0	0.0	0	
05/10	69.8	>min			0.0	0.0	0	
05/11	69.4	>min			0.0	0.0	0	
05/12	73.9	>min		1.5	0.0	0.0	0	
05/13	56.8	>min		7.5	3.0	0.0	1	Possible Infection

Deerfield 2011 Powdery Mildew - Grape From 2011-05-01 To 2011-05-13

Date	Temperature High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
05/01	72.8	55.3	3.0	0.0	0.5		
05/02	63.7	53.2	0.0	0.0	2.8		
05/03	76.5	63.2	6.0	0.0	0.0		
05/04	61.4	52.2	0.0	0.0	16.8		
05/05	57.9	47.5	0.0	0.0	10.3	Heavy	
05/06	72.0	54.4	2.8	0.0	7.3		
05/07	71.9	58.1	1.0	0.0	2.3		

05/08	70.2	57.4	0.3	0.0	5.3
05/09	68.1	59.3	0.0	0.0	0.0
05/10	69.8	59.3	0.0	0.0	0.0
05/11	69.4	58.6	0.0	0.0	0.0
05/12	73.9	60.0	4.5	0.0	1.5
05/13	56.8	48.1	0.0	0.0	7.3

Deerfield 2011 Phomopsis Cane+Leaf Spot - Grape From 2011-05-01 To 2011-05-13

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
05/01	55.3	0.3	0.00	0.0	0.0	0	0
05/02	53.2	0.3	0.00	0.0	0.0	0	0
05/03	63.2	0.0	0.00	0.0	0.0	0	0
05/04	52.2	18.0	0.25	18.5	50.1	52 Moderate	62 Moderate
05/05	47.5	9.5	0.03	26.8	46.7	44 Moderate	50 Moderate
05/06	54.4	0.5	0.01	12.8	38.7	0	0
05/07	58.1	2.5	0.01	0.0	0.0	0	0
05/08	57.4	5.5	0.00	0.0	0.0	0	0
05/09	59.3	0.0	0.00	0.0	0.0	0	0
05/10	59.3	0.0	0.00	0.0	0.0	0	0
05/11	58.6	0.0	0.00	0.0	0.0	0	0
05/12	60.0	1.5	0.00	0.0	0.0	0	0
05/13	48.1	7.5	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