

Deerfield Black Rot - Grape From 2012-05-11 To 2012-05-24

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
05/11	67.3	44.0		0.00	
05/12	79.6	37.4		0.00	
05/13	84.8	50.1	1.8	0.08	
05/14	71.9	58.6	11.8	1.33	Infection Risk
05/15	71.1	58.7	20.0	3.58	Infection Risk
05/16	76.1	57.2	12.3	4.53	Infection Risk
05/17	69.9	43.6	2.3	0.45	
05/18	76.2	40.2	0.3	0.02	
05/19	84.2	43.4	0.5	0.02	
05/20	88.2	50.5	7.3	0.45	
05/21	72.3	48.2	9.0	1.01	Infection Risk
05/22	71.5	61.4	15.5	3.05	Infection Risk
05/23	83.4	59.2	11.0	3.79	Infection Risk
05/24	78.9	62.3	7.5	1.72	Infection Risk

Deerfield Downy Mildew - Grape From 2012-05-11 To 2012-05-24

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
05/11	67.3				0.0	0.0	0	
05/12	79.6	0.0		0.8	0.0	0.0	0	Primary Infection
05/13	84.8	>min		1.8	0.0	0.0	0	
05/14	71.9	>min	0.24	11.8	4.8	0.0	1	Possible Infection
05/15	71.1	>min	0.36	20.0	16.3	0.0	1	Possible Infection
05/16	76.1	>min	0.59	12.3	12.3	0.0	1	Possible Infection
05/17	69.9	>min	0.01	6.8	0.3	0.0	0	
05/18	76.2	>min		3.5	0.0	0.0	0	
05/19	84.2	>min		4.0	0.0	0.0	0	
05/20	88.2	>min		7.3	2.3	0.0	1	Possible Infection
05/21	72.3	>min	0.06	9.0	1.0	0.0	1	Possible Infection
05/22	71.5	>min	0.08	15.5	13.0	0.0	1	Possible Infection
05/23	83.4	>min		11.0	9.0	0.0	1	Possible Infection
05/24	78.9	>min		7.5	8.0	0.3	1	Possible Infection
05/24	78.9	>min		7.5	8.0	0.3	1	Possible Infection

Deerfield Powdery Mildew - Grape From 2012-05-11 To 2012-05-24

Date	Temperature		Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
	High	Mean					
05/11	67.3	55.4	0.0	0.0	0.0		
05/12	79.6	60.9	8.3	0.0	5.0		
05/13	84.8	66.6	9.0	0.0	1.8		
05/14	71.9	62.7	1.5	0.0	11.8		
05/15	71.1	61.7	0.5	0.0	20.0	Heavy	
05/16	76.1	64.8	5.8	0.0	12.3	Heavy	
05/17	69.9	57.2	0.0	0.0	6.8		
05/18	76.2	58.4	6.0	0.0	7.5		
05/19	84.2	64.2	9.0	0.0	4.0		
05/20	88.2	68.7	5.0	0.0	7.3		
05/21	72.3	62.7	2.5	0.0	9.0		
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	78.9	67.2	3.3	0.0	7.5		

Deerfield Phomopsis Cane+Leaf Spot - Grape From 2012-05-11 To 2012-05-24

Date	Temp Mean	Wet Hours	Rain- Fall	Wet+ Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
05/11	55.4	0.0	0.00	0.0	0.0	0	0
05/12	60.9	1.5	0.00	0.0	0.0	0	0
05/13	66.6	1.8	0.00	0.0	0.0	0	0
05/14	62.7	11.8	0.24	10.0	60.7	45 Moderate	68 Moderate
05/15	61.7	20.0	0.36	26.0	60.7	176 High	184 High
05/16	64.8	12.3	0.59	23.8	60.6	155 High	167 High
05/17	57.2	7.0	0.01	4.0	59.3	12 Light	25 Light
05/18	58.4	6.0	0.00	0.0	0.0	0	0
05/19	64.2	4.0	0.00	0.0	0.0	0	0
05/20	68.7	7.5	0.00	0.0	0.0	0	0
05/21	62.7	9.3	0.06	4.3	64.1	14 Light	30 Moderate
05/22	64.9	16.0	0.08	16.5	63.1	95 High	122 High
05/23	68.8	11.3	0.00	0.0	0.0	0	0
05/24	67.2	7.8	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