

Deerfield Black Rot - Grape From 2012-05-01 To 2012-05-16

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
05/01	50.8	42.5	4.8	0.19	
05/02	55.3	44.0	0.3	0.01	
05/03	55.6	46.9	10.0	0.47	
05/04	72.7	49.8	8.3	0.84	
05/05	67.7	50.6	7.5	0.47	
05/06	73.3	46.1	1.3	0.06	
05/07	75.9	39.5	0.3	0.06	
05/08	56.4	47.2	21.0	1.26	Infection Risk
05/09	65.5	55.6	13.5	1.98	Infection Risk
05/10	64.4	46.4	10.5	1.14	Infection Risk
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	71.0	59.4	9.0	4.53	Infection Risk

Deerfield Downy Mildew - Grape From 2012-05-01 To 2012-05-16

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
05/01	50.8		0.52	14.8	9.0	0.0	0	
05/02	55.3	0.0		0.8	1.5	0.0	1	Primary Infection
05/03	55.6	>min	0.25	15.3	15.3	0.0	1	Possible Infection
05/04	72.7	>min	0.04	8.3	12.3	0.0	1	Possible Infection
05/05	67.7	>min		7.5	7.0	0.0	1	Possible Infection
05/06	73.3	>min		1.8	0.0	0.0	0	
05/07	75.9	>min		3.3	1.5	0.0	1	Possible Infection
05/08	56.4	>min	0.76	24.0	17.8	0.0	1	Possible Infection
05/09	65.5	>min	0.12	13.5	14.3	0.0	1	Possible Infection
05/10	64.4	>min	0.51	10.5	9.5	0.0	1	Possible Infection
05/11	67.3	>min			0.0	0.0	0	
05/12	79.6	>min		0.8	0.0	0.0	0	
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	71.0	>min	0.02	9.0	9.5	0.0	1	Possible Infection

Deerfield Powdery Mildew - Grape From 2012-05-01 To 2012-05-16

Date	Temperature		Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
	High	Mean					
05/01	50.8	45.9	0.0	0.0	18.3		
05/02	55.3	48.7	0.0	0.0	0.8		
05/03	55.6	50.8	0.0	0.0	14.5		
05/04	72.7	57.7	2.8	0.0	8.3	Heavy	
05/05	67.7	58.8	0.0	0.0	7.5		
05/06	73.3	58.4	2.3	0.0	1.8		
05/07	75.9	58.5	5.3	0.0	7.3		
05/08	56.4	52.4	0.0	0.0	24.0	Heavy	
05/09	65.5	59.8	0.0	0.0	13.5	Heavy	
05/10	64.4	54.8	0.0	0.0	10.3		
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	71.0	61.8	0.3	0.0	9.0	Heavy	

Deerfield Phomopsis Cane+Leaf Spot - Grape From 2012-05-01 To 2012-05-16

Date	Temp Mean	Wet Hours	Rain- Fall	Wet+ Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
05/01	45.9	18.8	0.52	16.0	45.5	15 Light	21 Light
05/02	48.7	1.0	0.00	0.0	0.0	0	0
05/03	50.8	15.5	0.25	10.3	48.2	16 Light	25 Light
05/04	57.7	9.0	0.04	4.5	50.5	7 Light	15 Light
05/05	58.8	7.5	0.00	0.0	0.0	0	0
05/06	58.4	1.8	0.00	0.0	0.0	0	0
05/07	58.5	6.0	0.00	0.0	0.0	0	0
05/08	52.4	24.0	0.76	23.3	52.3	94 High	101 High
05/09	59.8	13.5	0.12	33.3	53.6	176 High	163 High
05/10	54.8	10.5	0.51	11.3	54.5	40 Moderate	57 Moderate
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	61.8	9.0	0.02	20.5	60.7	126 High	144 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