

Deerfield Black Rot - Grape From 2012-06-01 To 2012-06-13

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
06/01	75.1	49.3	3.0	0.11	
06/02	59.3	50.9	23.3	1.72	Infection Risk
06/03	73.0	48.5	14.5	2.13	Infection Risk
06/04	55.3	49.6	17.5	1.53	Infection Risk
06/05	61.6	47.8	8.3	1.89	Infection Risk
06/06				0.00	
06/07				0.00	
06/08	61.4	60.1	0.8	0.09	
06/09	77.2	52.4	10.3	0.66	
06/10	86.3	57.6	6.8	0.94	
06/11	78.6	57.7		0.00	
06/12	73.8	58.4	8.3	1.00	
06/13	62.6	62.6	1.5	1.19	Infection Risk

Deerfield Downy Mildew - Grape From 2012-06-01 To 2012-06-13

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
06/01	75.1	0.0		3.0	0.0	0.0	0	Primary Infection
06/02	59.3	>min	1.93	23.3	18.5	0.0	1	Possible Infection
06/03	73.0	>min	0.43	14.5	8.8	0.0	1	Possible Infection
06/04	55.3	>min	0.14	17.5	0.0	0.0	0	
06/05	61.6	>min	0.02	8.5	4.0	0.0	1	Possible Infection
06/06		>min			0.0	0.0	0	
06/07		>min			0.0	0.0	0	
06/08	61.4	>min		0.8	0.0	0.0	0	
06/09	77.2	>min	0.10	10.3	7.0	0.0	1	Possible Infection
06/10	86.3	>min		6.8	4.5	0.0	1	Possible Infection
06/11	78.6	>min			0.0	0.0	0	
06/12	73.8	>min	0.29	8.3	3.3	0.0	1	Possible Infection
06/13	62.6	>min	0.20	1.5	1.5	0.0	1	Possible Infection

Deerfield Powdery Mildew - Grape From 2012-06-01 To 2012-06-13

Date	Temperature		Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
	High	Mean					
06/01	75.1	63.2	6.5	0.0	3.0		
06/02	59.3	54.9	0.0	0.0	23.3	Heavy	
06/03	73.0	59.1	1.0	0.0	14.5	Heavy	
06/04	55.3	52.3	0.0	0.0	17.0	Heavy	
06/05	61.6	53.5	0.0	0.0	8.5	Heavy	
06/06			0.0	0.0	0.0		
06/07			0.0	0.0	0.0		
06/08	61.4	60.6	0.0	0.0	0.8		
06/09	77.2	64.1	7.3	0.0	10.0		
06/10	86.3	70.7	12.3	0.0	6.8		
06/11	78.6	66.7	7.5	0.0	0.0		60 Heavy
06/12	73.8	64.8	3.0	0.0	8.3		50 Medium
06/13	62.6	62.6	0.0	0.0	1.5		40 Medium

Deerfield Phomopsis Cane+Leaf Spot - Grape From 2012-06-01 To 2012-06-13

Date	Temp Mean	Wet Hours	Rain- Fall	Wet+ Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
06/01	63.2	3.0	0.00	0.0	0.0	0	0
06/02	54.9	23.3	1.93	22.8	54.8	113 High	120 High
06/03	59.1	15.3	0.43	39.5	55.0	251 High	216 High
06/04	52.3	18.3	0.14	20.8	53.9	92 High	102 High
06/05	53.5	8.5	0.02	10.5	49.9	22 Light	33 Moderate
06/06		0.0		0.0	0.0	0	0
06/07		0.0		0.0	0.0	0	0
06/08	60.6	0.8	0.00	0.0	0.0	0	0
06/09	64.1	10.5	0.10	7.5	55.6	24 Light	40 Moderate
06/10	70.7	7.0	0.00	0.0	0.0	0	0
06/11	66.7	0.0	0.00	0.0	0.0	0	0
06/12	64.8	9.0	0.29	3.0	63.2	8 Light	21 Light
06/13	62.6	1.5	0.20	5.0	63.0	17 Light	35 Moderate

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