

Deerfield2011 Black Rot - Grape From 2011-06-22 To 2011-07-05

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
06/22	66.4	62.0	15.3	2.17	Infection Risk
06/23	67.1	61.7	20.3	5.08	Infection Risk
06/24	62.3	55.0	18.8	6.81	Infection Risk
06/25	74.5	54.0	16.3	8.48	Infection Risk
06/26	78.4	56.6	11.3	9.24	Infection Risk
06/27	84.6	56.0	7.8	1.21	Infection Risk
06/28	84.5	60.9	7.5	1.12	Infection Risk
06/29	80.2	61.1	7.5	1.19	Infection Risk
06/30	80.5	59.0		0.00	
07/01	80.2	52.3	3.3	0.24	
07/02	86.3	56.1	7.8	0.86	
07/03	75.9	61.3	14.8	2.41	Infection Risk
07/04	88.7	62.9	8.0	3.55	Infection Risk
07/05	72.5	61.6	7.5	1.17	Infection Risk

Deerfield2011 Downy Mildew - Grape From 2011-06-22 To 2011-07-05

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
06/22	66.4	0.0	2.13	15.3	9.5	0.0	1	Primary Infection
06/23	67.1	>min	0.22	20.3	21.0	1.0	3	High Risk of Infection
06/24	62.3	>min	0.85	18.8	15.8	0.0	1	Possible Infection
06/25	74.5	>min	0.32	16.3	16.5	1.5	3	High Risk of Infection
06/26	78.4	>min		11.3	11.0	0.5	3	High Risk of Infection
06/27	84.6	>min		7.8	6.8	0.0	1	Possible Infection
06/28	84.5	>min		7.5	6.5	0.3	1	Possible Infection
06/29	80.2	>min	0.34	7.5	7.0	3.3	3	High Risk of Infection
06/30	80.5	>min			0.0	0.0	0	
07/01	80.2	>min		3.3	0.0	0.0	0	
07/02	86.3	>min		7.8	4.0	0.0	1	Possible Infection
07/03	75.9	>min	0.09	14.8	10.3	4.3	3	High Risk of Infection
07/04	88.7	>min		8.0	7.8	3.0	3	High Risk of Infection
07/05	72.5	>min		7.5	5.0	0.0	1	Possible Infection

Deerfield 2011 Powdery Mildew - Grape From 2011-06-22 To 2011-07-05

Date	Temperature		Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial	
	High	Mean					Index	
06/22	66.4	64.1	0.0	0.0	15.0	Heavy		
06/23	67.1	64.4	0.0	0.0	20.3	Heavy		
06/24	62.3	58.9	0.0	0.0	18.8	Heavy		
06/25	74.5	61.2	2.3	0.0	16.3	Heavy		
06/26	78.4	66.8	9.8	0.0	11.3	Heavy		
06/27	84.6	71.3	12.8	0.0	7.8			
06/28	84.5	72.6	15.8	0.0	7.3		60	Heavy
06/29	80.2	70.4	11.8	0.0	7.5		80	Heavy
06/30	80.5	69.4	11.0	0.0	0.0		100	Heavy
07/01	80.2	66.6	8.8	0.0	3.3		100	Heavy
07/02	86.3	71.1	11.3	0.0	7.8		100	Heavy
07/03	75.9	68.5	9.8	0.0	14.5	Heavy	100	Heavy
07/04	88.7	75.3	4.8	0.0	8.0	Heavy	90	Heavy
07/05	72.5	65.1	1.0	0.0	7.3		80	Heavy

Deerfield 2011 Phomopsis Cane+Leaf Spot - Grape From 2011-06-22 To 2011-07-05

Date	Temp Mean	Wet Hours	Rain- Fall	Wet+ Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
06/22	64.1	16.0	2.13	13.8	63.9	73 Moderate	102 High
06/23	64.4	21.3	0.22	33.5	64.0	261 High	258 High
06/24	58.9	19.0	0.85	29.5	60.6	211 High	209 High
06/25	61.2	16.3	0.32	22.0	58.2	129 High	141 High
06/26	66.8	11.3	0.00	14.0	61.9	74 Moderate	100 High
06/27	71.3	7.8	0.00	0.0	0.0	0	0
06/28	72.6	7.5	0.00	0.0	0.0	0	0
06/29	70.4	7.5	0.34	7.3	66.1	29 Light	54 Moderate
06/30	69.4	0.0	0.00	0.0	0.0	0	0
07/01	66.6	3.3	0.00	0.0	0.0	0	0
07/02	71.1	8.0	0.00	0.0	0.0	0	0
07/03	68.5	15.0	0.09	2.3	69.6	5 Light	16 Light
07/04	75.3	8.0	0.00	0.0	0.0	0	0
07/05	65.1	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