

Deerfield 2011 Black Rot - Grape From 2011-07-15 To 2011-07-31

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
07/15	85.2	53.3	7.3	0.50	
07/16	88.6	56.4	8.8	0.89	
07/17	92.3	58.2	7.8	1.04	Infection Risk
07/18	83.1	68.7	8.0	0.79	
07/19	88.0	64.3	9.3	2.05	Infection Risk
07/20	92.4	59.4	7.5	1.14	Infection Risk
07/21	99.0	68.7	6.3	0.96	
07/22	99.7	69.3	6.5	1.08	Infection Risk
07/23	94.5	65.8	7.8	1.31	Infection Risk
07/24	89.6	67.0	5.5	0.95	
07/25	73.4	61.4	10.3	1.35	Infection Risk
07/26	86.2	61.3	15.5	3.51	Infection Risk
07/27	84.4	57.4	8.8	4.33	Infection Risk
07/28	84.6	58.3	8.8	1.03	Infection Risk
07/29	76.9	67.9	13.8	2.56	Infection Risk
07/30	86.5	64.6	8.5	3.75	Infection Risk
07/31	84.2	59.0	7.8	1.20	Infection Risk

Deerfield 2011 Botrytis - Grape From 2011-07-15 To 2011-07-31

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
07/15	85.2	53.3	7.3	0.8	0.00	
07/16	88.6	56.4	8.8	4.5	0.00	
07/17	92.3	58.2	7.8	3.3	0.00	
07/18	83.1	68.7	8.0	0.8	0.00	
07/19	88.0	64.3	9.3	7.3	0.00	
07/20	92.4	59.4	7.5	6.5	0.00	
07/21	99.0	68.7	6.3	4.3	0.00	
07/22	99.7	69.3	6.5	3.8	0.00	
07/23	94.5	65.8	7.8	2.5	0.00	
07/24	89.6	67.0	5.5	0.5	0.00	
07/25	73.4	61.4	10.3	8.8	0.00	
07/26	86.2	61.3	15.5	16.5	1.25	High Infection Risk
07/27	84.4	57.4	8.8	5.8	0.00	
07/28	84.6	58.3	8.8	5.8	0.00	
07/29	76.9	67.9	13.8	9.8	0.75	Moderate Infection Risk
07/30	86.5	64.6	8.5	4.5	0.00	
07/31	84.2	59.0	7.8	5.5	0.00	

Deerfield 2011 Downy Mildew - Grape From 2011-07-15 To 2011-07-31

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
07/15	85.2	0.0		7.3	0.0	0.0	0	Primary Infection
07/16	88.6	>min		8.8	4.0	0.0	1	Possible Infection
07/17	92.3	>min		7.8	2.8	0.0	1	Possible Infection
07/18	83.1	>min		8.0	0.3	0.3	0	
07/19	88.0	>min		9.3	7.3	4.5	3	High Risk of Infection
07/20	92.4	>min		7.5	6.0	0.0	1	Possible Infection
07/21	99.0	>min		6.3	2.8	2.8	3	High Risk of Infection
07/22	99.7	>min		6.5	2.3	2.3	3	High Risk of Infection
07/23	94.5	>min	0.06	7.8	1.8	1.8	3	High Risk of Infection
07/24	89.6	>min		5.5	0.0	0.0	0	
07/25	73.4	>min	0.54	10.3	8.3	0.0	1	Possible Infection
07/26	86.2	>min	0.47	15.5	15.5	2.8	3	High Risk of Infection
07/27	84.4	>min		8.8	5.5	0.0	1	Possible Infection
07/28	84.6	>min		8.8	5.3	0.0	1	Possible Infection
07/29	76.9	>min	0.20	13.8	4.5	4.5	3	High Risk of Infection
07/30	86.5	>min	0.01	8.5	3.8	3.8	3	High Risk of Infection
07/31	84.2	>min		7.8	4.8	0.0	1	Possible Infection

SpecWare 9 Pro - Deerfield2011 Powdery Mildew - Grape From 2011-07-15 To 2011-07-31

Date	Temperature High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
07/15	85.2	69.7	8.3	0.0	7.3		
07/16	88.6	72.2	5.0	0.0	8.8		
07/17	92.3	76.0	5.3	0.0	7.5		
07/18	83.1	75.0	24.0	0.0	7.3		
07/19	88.0	75.0	4.8	0.0	9.3		
07/20	92.4	75.0	5.8	0.0	7.5		
07/21	99.0	82.3	8.0	4.3	6.3		
07/22	99.7	85.2	12.0	6.8	6.5		
07/23	94.5	78.0	5.3	0.0	7.3		
07/24	89.6	76.4	19.3	0.0	5.3		
07/25	73.4	67.1	6.8	0.0	10.3		
07/26	86.2	68.5	5.8	0.0	15.3	Heavy	
07/27	84.4	70.6	12.3	0.0	8.8	Heavy	
07/28	84.6	71.6	12.3	0.0	7.8		
07/29	76.9	71.6	15.5	0.0	12.8	Heavy	60 Heavy
07/30	86.5	75.9	8.8	0.0	8.5	Heavy	80 Heavy
07/31	84.2	67.5	4.0	0.0	7.8		70 Heavy

Deerfield 2011 Phomopsis Cane+Leaf Spot - Grape From 2011-07-15 To 2011-07-31

Date	Temp Mean	Wet Hours	Rain- Fall	Wet+ Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
07/15	69.7	7.3	0.00	0.0	0.0	0	0
07/16	72.2	8.8	0.00	0.0	0.0	0	0
07/17	76.0	8.0	0.00	0.0	0.0	0	0
07/18	75.0	10.3	0.00	0.0	0.0	0	0
07/19	75.0	10.3	0.00	0.0	0.0	0	0
07/20	75.0	7.5	0.00	0.0	0.0	0	0
07/21	82.3	7.8	0.00	0.0	0.0	0	0
07/22	85.2	6.5	0.00	0.0	0.0	0	0
07/23	78.0	8.0	0.06	3.3	69.2	9 Light	23 Light
07/24	76.4	6.3	0.00	0.0	0.0	0	0
07/25	67.1	10.3	0.54	9.3	62.4	41 Moderate	66 Moderate
07/26	68.5	16.0	0.47	19.8	63.0	123 High	146 High
07/27	70.6	9.0	0.00	0.0	0.0	0	0
07/28	71.6	9.5	0.00	0.0	0.0	0	0
07/29	71.6	17.5	0.20	9.5	72.8	34 Moderate	67 Moderate
07/30	75.9	8.5	0.01	16.5	71.3	81 Moderate	122 High
07/31	67.5	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