

Deerfield 2011 Black Rot - Grape From 2011-08-09 To 2011-08-24

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
08/09	83.3	60.1	15.5	2.33	Infection Risk
08/10	84.9	64.8	11.3	3.68	Infection Risk
08/11	80.4	56.5	5.0	0.92	
08/12	80.4	51.5	9.3	0.60	
08/13	84.2	54.1	8.3	0.88	
08/14	71.9	63.4	23.3	3.69	Infection Risk
08/15	67.3	59.5	24.0	7.16	Infection Risk
08/16	74.7	58.7	14.8	8.85	Infection Risk
08/17	84.9	56.8	12.0	9.74	Infection Risk
08/18	83.6	57.6	13.3	2.05	Infection Risk
08/19	86.9	62.7	12.5	3.38	Infection Risk
08/20	85.8	58.2	14.0	1.50	Infection Risk
08/21	83.9	57.3	17.0	3.17	Infection Risk
08/22	75.6	56.2	10.3	4.17	Infection Risk
08/23	78.4	49.7	12.0	0.76	
08/24	64.1	51.5	7.8	0.81	

Deerfield 2011 Botrytis - Grape From 2011-08-09 To 2011-08-24

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
08/09	83.3	60.1	15.5	11.8	1.08	High Infection Risk
08/10	84.9	64.8	11.3	8.0	0.18	Low Infection Risk
08/11	80.4	56.5	5.0	0.5	0.00	
08/12	80.4	51.5	9.3	5.5	0.00	
08/13	84.2	54.1	8.3	7.0	0.00	
08/14	71.9	63.4	23.3	21.0	3.12	High Infection Risk
08/15	67.3	59.5	24.0	24.0	3.17	High Infection Risk
08/16	74.7	58.7	14.8	14.5	0.75	Moderate Infection Risk
08/17	84.9	56.8	12.0	11.0	0.12	Low Infection Risk
08/18	83.6	57.6	13.3	12.8	0.40	Low Infection Risk
08/19	86.9	62.7	12.5	11.3	0.63	Moderate Infection Risk
08/20	85.8	58.2	14.0	9.3	0.75	Moderate Infection Risk
08/21	83.9	57.3	17.0	15.0	1.32	High Infection Risk
08/22	75.6	56.2	10.3	5.5	0.00	
08/23	78.4	49.7	12.0	8.5	0.00	
08/24	64.1	51.5	7.8	7.5	0.00	

Deerfield 2011 Downy Mildew - Grape From 2011-08-09 To 2011-08-24

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
08/09	83.3	0.0	0.25	15.5	11.0	4.8	1	Primary Infection
08/10	84.9	>min	0.01	11.3	7.8	7.8	3	High Risk of Infection
08/11	80.4	>min		5.0	0.0	0.0	0	
08/12	80.4	>min		9.3	5.0	0.0	1	Possible Infection
08/13	84.2	>min		8.3	6.3	0.0	1	Possible Infection
08/14	71.9	>min	0.24	23.3	18.3	6.0	3	High Risk of Infection
08/15	67.3	>min	2.80	24.0	24.0	3.0	3	High Risk of Infection
08/16	74.7	>min	0.06	14.8	14.0	0.0	1	Possible Infection
08/17	84.9	>min		12.0	10.3	0.3	1	Possible Infection
08/18	83.6	>min		13.3	10.0	1.5	3	High Risk of Infection
08/19	86.9	>min		12.5	10.0	5.0	3	High Risk of Infection
08/20	85.8	>min	0.01	14.0	9.0	0.3	1	Possible Infection
08/21	83.9	>min	0.33	17.0	13.8	5.0	3	High Risk of Infection
08/22	75.6	>min	0.04	10.3	4.3	1.8	3	High Risk of Infection
08/23	78.4	>min		12.0	7.8	0.0	1	Possible Infection
08/24	64.1	>min		7.8	7.5	0.0	1	Possible Infection

SpecWare 9 Pro - Deerfield2011 Powdery Mildew - Grape From 2011-08-09 To 2011-08-24

Date	Temperature High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
08/09	83.3	70.8	11.5	0.0	15.5	Heavy	
08/10	84.9	73.2	13.0	0.0	11.0	Heavy	
08/11	80.4	68.4	11.8	0.0	5.0		60 Heavy
08/12	80.4	66.5	10.8	0.0	9.3		80 Heavy
08/13	84.2	68.9	11.0	0.0	8.0		100 Heavy
08/14	71.9	66.2	1.3	0.0	23.3	Heavy	90 Heavy
08/15	67.3	64.3	0.0	0.0	24.0	Heavy	80 Heavy
08/16	74.7	64.2	3.5	0.0	14.8	Heavy	70 Heavy
08/17	84.9	68.3	9.3	0.0	12.0	Heavy	90 Heavy
08/18	83.6	69.7	11.3	0.0	13.3	Heavy	100 Heavy
08/19	86.9	70.6	4.0	0.0	12.5	Heavy	90 Heavy
08/20	85.8	69.7	5.8	0.0	14.0		80 Heavy
08/21	83.9	68.0	11.0	0.0	16.8	Heavy	100 Heavy
08/22	75.6	66.1	7.0	0.0	10.0	Heavy	100 Heavy
08/23	78.4	63.1	8.3	0.0	12.0		100 Heavy
08/24	64.1	55.0	0.0	0.0	7.8		90 Heavy

Deerfield 2011 Phomopsis Cane+Leaf Spot - Grape From 2011-08-09 To 2011-08-24

Date	Temp Mean	Wet Hours	Rain- Fall	Wet+ Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
08/09	70.8	15.5	0.25	7.0	69.8	25 Light	51 Moderate
08/10	73.2	11.5	0.01	15.0	68.8	77 Moderate	114 High
08/11	68.4	5.5	0.00	0.0	0.0	0	0
08/12	66.5	9.3	0.00	0.0	0.0	0	0
08/13	68.9	9.8	0.00	0.0	0.0	0	0
08/14	66.2	23.3	0.24	36.3	66.3	287 High	286 High
08/15	64.3	24.0	2.80	46.3	65.1	413 High	365 High
08/16	64.2	15.3	0.06	55.3	64.2	534 High	435 High
08/17	68.3	12.0	0.00	0.0	0.0	0	0
08/18	69.7	13.3	0.00	0.0	0.0	0	0
08/19	70.6	12.8	0.00	0.0	0.0	0	0
08/20	69.7	14.3	0.01	1.0	76.1	1 Light	6 Light
08/21	68.0	17.0	0.33	9.3	71.2	35 Moderate	67 Moderate
08/22	66.1	10.5	0.04	14.3	67.1	75 Moderate	108 High
08/23	63.1	12.0	0.00	0.0	0.0	0	0
08/24	55.0	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