

Deerfield 2011 Black Rot - Grape From 2011-08-01 To 2011-08-16

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
08/01	88.0	61.9	12.5	1.94	Infection Risk
08/02	87.2	61.8	6.8	2.16	Infection Risk
08/03	82.1	55.6	7.5	1.57	Infection Risk
08/04	86.1	63.5	5.5	0.81	
08/05	84.1	65.4	11.3	1.81	Infection Risk
08/06	82.0	66.4	24.0	5.62	Infection Risk
08/07	90.2	66.1	10.5	7.11	Infection Risk
08/08	84.1	65.3	12.3	2.29	Infection Risk
08/09	83.3	60.1	15.5	4.62	Infection Risk
08/10	84.9	64.8	11.3	5.97	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	66.0	58.7	9.0	8.07	Infection Risk

Deerfield 2011 Botrytis - Grape From 2011-08-01 To 2011-08-16

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
08/01	88.0	61.9	12.5	5.0	0.40	Low Infection Risk
08/02	87.2	61.8	6.8	1.0	0.00	
08/03	82.1	55.6	7.5	5.5	0.00	
08/04	86.1	63.5	5.5	3.5	0.00	
08/05	84.1	65.4	11.3		0.00	
08/06	82.0	66.4	24.0	8.5	2.93	High Infection Risk
08/07	90.2	66.1	10.5	9.8	0.00	
08/08	84.1	65.3	12.3	8.8	0.54	Moderate Infection Risk
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	66.0	58.7	9.0	9.8	0.00	

Deerfield 2011 Downy Mildew - Grape From 2011-08-01 To 2011-08-16

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
08/01	88.0	0.0	0.03	12.5	4.3	0.3	1	Primary Infection
08/02	87.2	>min	0.07	6.8	0.8	0.0	1	Possible Infection
08/03	82.1	>min		7.5	5.3	0.0	1	Possible Infection
08/04	86.1	>min		5.5	1.3	0.0	1	Possible Infection
08/05	84.1	>min		11.3	0.0	0.0	0	
08/06	82.0	>min	0.11	24.0	8.0	8.0	3	High Risk of Infection
08/07	90.2	>min	0.42	10.5	9.3	9.3	3	High Risk of Infection
08/08	84.1	>min	0.17	12.3	8.8	8.8	3	High Risk of Infection
08/09	83.3	>min	0.25	15.5	11.0	4.8	3	High Risk of 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	66.0	>min	0.06	9.0	9.5	0.0	1	Possible Infection

SpecWare 9 Pro - Deerfield2011 Powdery Mildew - Grape From 2011-08-01 To 2011-08-16

Date	Temperature High	Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
08/01	88.0	73.4	12.5	0.0	12.5		
08/02	87.2	72.6	6.5	0.0	6.8	Heavy	
08/03	82.1	69.1	10.8	0.0	7.5		60 Heavy
08/04	86.1	73.2	14.5	0.0	5.5		80 Heavy
08/05	84.1	73.1	15.3	0.0	11.0		100 Heavy
08/06	82.0	73.4	14.8	0.0	24.0	Heavy	100 Heavy
08/07	90.2	75.7	12.3	0.0	9.8	Heavy	100 Heavy
08/08	84.1	74.3	16.5	0.0	12.3		100 Heavy
08/09	83.3	70.8	11.5	0.0	15.5	Heavy	100 Heavy
08/10	84.9	73.2	13.0	0.0	11.0	Heavy	100 Heavy
08/11	80.4	68.4	11.8	0.0	5.0		100 Heavy
08/12	80.4	66.5	10.8	0.0	9.3		100 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	66.0	59.9	0.0	0.0	9.0	Heavy	70 Heavy

Deerfield 2011 Phomopsis Cane+Leaf Spot - Grape From 2011-08-01 To 2011-08-16

Date	Temp Mean	Wet Hours	Rain- Fall	Wet+ Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
08/01	73.4	13.8	0.03	1.0	75.3	1 Light	6 Light
08/02	72.6	7.8	0.07	4.5	67.5	14 Light	33 Moderate
08/03	69.1	8.0	0.00	0.0	0.0	0	0
08/04	73.2	6.3	0.00	0.0	0.0	0	0
08/05	73.1	12.3	0.00	0.0	0.0	0	0
08/06	73.4	24.0	0.11	4.5	69.4	14 Light	32 Moderate
08/07	75.7	12.8	0.42	14.5	68.6	74 Moderate	110 High
08/08	74.3	12.5	0.17	10.0	70.9	40 Moderate	73 Moderate
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	59.9	9.0	0.06	55.3	64.2	534 High	435 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