

Deerfield MA Black Rot - Grape From 2010-05-25 To 2010-06-10

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
05/25	90.7	61.4	8.3	0.96	
05/26	95.2	60.7	7.8	1.08	Infection Risk
05/27	79.9	58.8	10.8	1.00	Infection Risk
05/28	80.9	50.2	7.0	0.93	
05/29	78.8	54.4	6.8	0.82	
05/30	81.6	58.4	7.8	1.68	Infection Risk
05/31	84.6	58.6		0.00	
06/01	76.4	57.9	7.3	1.22	Infection Risk
06/02	87.2	57.3	7.3	1.99	Infection Risk
06/03	83.4	64.5	1.0	0.11	
06/04	87.9	60.6	7.0	0.99	
06/05	89.6	65.6	7.0	1.16	Infection Risk
06/06	80.5	55.5	9.0	1.28	Infection Risk
06/07	72.4	49.3	1.5	1.35	Infection Risk
06/08	71.2	47.9	3.0	0.17	
06/09	69.1	42.2	10.8	0.69	
06/10	62.4	52.0	11.8	1.44	Infection Risk

Deerfield MA Downy Mildew - Grape From 2010-05-25 To 2010-06-10

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours >95%RH	43-86	66-77	Risk	Warning
05/25	90.7	0.0		8.3	7.5	0.3	1		Primary Infection
05/26	95.2	>min	0.13	7.8	3.8	0.0	1		Possible Infection
05/27	79.9	>min	0.02	10.8	0.0	0.0	0		
05/28	80.9	>min		7.0	1.8	0.0	1		Possible Infection
05/29	78.8	>min	0.01	6.8	1.3	0.0	1		Possible Infection
05/30	81.6	>min		7.8	7.8	0.0	1		Possible Infection
05/31	84.6	>min			0.0	0.0	0		
06/01	76.4	>min	0.12	7.3	1.5	1.5	3		High Risk of Infection
06/02	87.2	>min		7.3	8.0	0.3	1		Possible Infection
06/03	83.4	>min		1.0	0.0	0.0	0		
06/04	87.9	>min		7.0	5.0	0.0	1		Possible Infection
06/05	89.6	>min	0.01	7.0	2.3	2.3	3		High Risk of Infection
06/06	80.5	>min	0.48	9.0	3.8	1.3	3		High Risk of Infection
06/07	72.4	>min		1.5	0.0	0.0	0		
06/08	71.2	>min		3.0	0.0	0.0	0		
06/09	69.1	>min	0.43	16.0	7.0	0.0	1		Possible Infection
06/10	62.4	>min	0.11	11.8	11.8	0.0	1		Possible Infection

Deerfield MA Powdery Mildew - Grape From 2010-05-25 To 2010-06-10							
Date	Temperature High	Temperature Mean	Mildew Hours 70-85	Mildew Hours >95	Wet Hours	Ascospore Infection	Conidial Index
05/25	90.7	74.4	5.0	0.0	8.3		
05/26	95.2	78.8	3.8	1.0	7.8		
05/27	79.9	67.3	8.0	0.0	10.8		
05/28	80.9	65.5	8.5	0.0	6.5		
05/29	78.8	65.8	7.8	0.0	6.3		60 Heavy
05/30	81.6	70.4	14.3	0.0	7.5		80 Heavy
05/31	84.6	70.2	11.3	0.0	0.0		100 Heavy
06/01	76.4	66.6	5.8	0.0	6.5		90 Heavy
06/02	87.2	71.3	5.0	0.0	7.3	Heavy	80 Heavy
06/03	83.4	71.6	11.0	0.0	1.0		100 Heavy
06/04	87.9	73.3	6.8	0.0	7.0		100 Heavy
06/05	89.6	75.2	5.5	0.0	7.0		90 Heavy
06/06	80.5	65.7	3.3	0.0	8.0		80 Heavy
06/07	72.4	62.3	2.5	0.0	1.3		70 Heavy
06/08	71.2	59.5	0.5	0.0	2.8		60 Heavy
06/09	69.1	53.4	0.0	0.0	16.5		50 Medium
06/10	62.4	55.1	0.0	0.0	11.3	Heavy	40 Medium

Deerfield MA Phomopsis Cane+Leaf Spot - Grape From 2010-05-25 To 2010-06-10

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Disease Catawba	Intensity Seyval
05/25	74.4	9.0	0.00	0.0	0.0	0	0
05/26	78.8	7.8	0.13	0.8	63.4	1 Light	5 Light
05/27	67.3	11.0	0.02	8.0	61.9	33 Moderate	56 Moderate
05/28	65.5	7.5	0.00	0.0	0.0	0	0
05/29	65.8	8.3	0.01	0.5	72.3	1 Light	3 Light
05/30	70.4	7.8	0.00	0.0	0.0	0	0
05/31	70.2	0.0	0.00	0.0	0.0	0	0
06/01	66.6	8.0	0.12	2.0	70.6	4 Light	14 Light
06/02	71.3	7.8	0.00	0.0	0.0	0	0
06/03	71.6	1.0	0.00	0.0	0.0	0	0
06/04	73.3	7.0	0.00	0.0	0.0	0	0
06/05	75.2	8.3	0.01	1.0	70.3	2 Light	7 Light
06/06	65.7	9.8	0.48	8.3	65.2	35 Moderate	61 Moderate
06/07	62.3	1.5	0.00	0.0	0.0	0	0
06/08	59.5	3.0	0.00	0.0	0.0	0	0
06/09	53.4	18.0	0.43	9.8	54.3	32 Moderate	48 Moderate
06/10	55.1	12.0	0.11	21.8	54.3	102 High	111 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