

Deerfield Black Rot - Grape From 2012-04-21 To 2012-05-08

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
04/21	78.9	52.9	0.8	0.03	
04/22	52.1	42.1	4.0	0.20	
04/23	64.8	40.6	1.5	0.26	
04/24	56.6	38.3	0.3	0.02	
04/25	57.7	31.8	0.5	0.02	
04/26	57.6	30.0	2.5	0.11	
04/27	50.2	36.3	2.3	0.21	
04/28	56.3	32.2		0.00	
04/29	58.2	30.9		0.00	
04/30	65.5	28.7		0.00	
05/01	50.8	42.5	4.8	0.19	
05/02	55.3	44.0	0.3	0.01	
05/03	55.6	46.9	10.0	0.47	
05/04	72.7	49.8	8.3	0.84	
05/05	67.7	50.6	7.5	0.47	
05/06	73.3	46.1	1.3	0.06	
05/07	75.9	39.5	0.3	0.06	
05/08	54.5	47.2	5.0	0.24	

Deerfield Downy Mildew - Grape From 2012-04-21 To 2012-05-08

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
04/21	78.9	0.0	0.04	0.8	0.0	0.0	0	Primary Infection
04/22	52.1	87.5	1.05	15.3	4.3	0.0	1	Possible Infection
04/23	64.8	>min	1.24	4.8	4.0	0.0	1	Possible Infection
04/24	56.6	>min	0.01	1.5	0.0	0.0	0	
04/25	57.7	>min		0.5	0.0	0.0	0	
04/26	57.6	>min	0.10	2.5	1.3	0.0	1	Possible Infection
04/27	50.2	>min	0.01	2.3	1.5	0.0	1	Possible Infection
04/28	56.3	>min			0.0	0.0	0	
04/29	58.2	>min			0.0	0.0	0	
04/30	65.5	>min			0.0	0.0	0	
05/01	50.8	>min	0.52	14.8	9.0	0.0	1	Possible Infection
05/02	55.3	>min		0.8	1.5	0.0	1	Possible Infection
05/03	55.6	>min	0.25	15.3	15.3	0.0	1	Possible Infection
05/04	72.7	>min	0.04	8.3	12.3	0.0	1	Possible Infection
05/05	67.7	>min		7.5	7.0	0.0	1	Possible Infection
05/06	73.3	>min		1.8	0.0	0.0	0	
05/07	75.9	>min		3.3	1.5	0.0	1	Possible Infection
05/08	54.5	>min	0.32	8.0	4.5	0.0	1	Possible Infection

Deerfield Powdery Mildew - Grape From 2012-04-21 To 2012-05-08

Date	Temperature		Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
	High	Mean					
04/21	78.9	64.5	7.0	0.0	0.8		
04/22	52.1	46.6	0.0	0.0	15.5		
04/23	64.8	48.8	0.0	0.0	12.8		
04/24	56.6	46.6	0.0	0.0	3.8		
04/25	57.7	45.6	0.0	0.0	7.3		
04/26	57.6	47.1	0.0	0.0	8.0		
04/27	50.2	44.4	0.0	0.0	2.3		
04/28	56.3	45.1	0.0	0.0	0.0		
04/29	58.2	46.4	0.0	0.0	0.0		
04/30	65.5	49.2	0.0	0.0	0.0		
05/01	50.8	45.9	0.0	0.0	18.3		
05/02	55.3	48.7	0.0	0.0	0.8		
05/03	55.6	50.8	0.0	0.0	14.5		
05/04	72.7	57.7	2.8	0.0	8.3	Heavy	
05/05	67.7	58.8	0.0	0.0	7.5		
05/06	73.3	58.4	2.3	0.0	1.8		
05/07	75.9	58.5	5.3	0.0	7.3		
05/08	54.5	49.1	0.0	0.0	8.0		

Deerfield Phomopsis Cane+Leaf Spot - Grape From 2012-04-21 To 2012-05-08

Date	Temp Mean	Wet Hours	Rain- Fall	Wet+ Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
04/21	64.5	1.0	0.04	0.5	53.4	0 Light	2 Light
04/22	46.6	16.3	1.05	16.3	46.1	18 Light	26 Light
04/23	48.8	9.0	1.24	22.5	43.7	10 Light	14 Light
04/24	46.6	2.3	0.01	1.0	47.4	0 Light	2 Light
04/25	45.6	1.0	0.00	0.0	0.0	0	0
04/26	47.1	3.0	0.10	2.0	50.1	2 Light	6 Light
04/27	44.4	2.3	0.01	4.3	49.9	6 Light	13 Light
04/28	45.1	0.0	0.00	0.0	0.0	0	0
04/29	46.4	0.0	0.00	0.0	0.0	0	0
04/30	49.2	0.0	0.00	0.0	0.0	0	0
05/01	45.9	18.8	0.52	16.0	45.5	15 Light	21 Light
05/02	48.7	1.0	0.00	0.0	0.0	0	0
05/03	50.8	15.5	0.25	10.3	48.2	16 Light	25 Light
05/04	57.7	9.0	0.04	4.5	50.5	7 Light	15 Light
05/05	58.8	7.5	0.00	0.0	0.0	0	0
05/06	58.4	1.8	0.00	0.0	0.0	0	0
05/07	58.5	6.0	0.00	0.0	0.0	0	0
05/08	49.1	8.0	0.32	7.8	48.7	12 Light	20 Light

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