

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

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
04/21	73.4	54.4	6.0	0.41	
04/22	60.4	44.4	11.0	0.54	
04/23	53.4	43.6	1.0	0.58	
04/24	55.8	40.2	0.5	0.02	
04/25	60.5	33.0	1.5	0.07	
04/26	57.4	30.5	8.0	0.44	
04/27	57.3	39.2	2.8	0.60	
04/28	60.9	29.2		0.00	
04/29	62.8	37.4		0.00	
04/30	61.8	30.4		0.00	
05/01	56.4	47.4	6.5	0.34	
05/02	56.5	46.7		0.00	
05/03	54.6	49.3	14.0	0.62	
05/04	70.9	49.8	12.5	1.01	Infection Risk
05/05	63.2	53.6	8.5	0.91	
05/06	65.7	45.3	8.3	0.44	
05/07	69.9	43.5	2.5	0.10	
05/08	53.9	50.9	1.0	0.15	

Hamden 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	73.4	0.0		6.0	5.0	0.0	1	Primary Infection
04/22	60.4	>min	1.58	16.0	8.8	0.0	1	Possible Infection
04/23	53.4	>min	1.80	9.5	11.8	0.0	1	Possible Infection
04/24	55.8	>min		3.3	0.0	0.0	0	
04/25	60.5	>min	0.01	3.0	0.0	0.0	0	
04/26	57.4	>min	0.05	8.3	6.5	0.0	1	Possible Infection
04/27	57.3	>min		2.8	2.5	0.0	1	Possible Infection
04/28	60.9	>min			0.0	0.0	0	
04/29	62.8	>min			0.0	0.0	0	
04/30	61.8	>min			0.0	0.0	0	
05/01	56.4	>min	0.30	7.3	5.8	0.0	1	Possible Infection
05/02	56.5	>min			0.0	0.0	0	
05/03	54.6	>min	0.07	14.0	14.8	0.0	1	Possible Infection
05/04	70.9	>min	0.16	12.5	14.5	0.0	1	Possible Infection
05/05	63.2	>min		8.5	9.8	0.0	1	Possible Infection
05/06	65.7	>min		10.0	7.3	0.0	1	Possible Infection
05/07	69.9	>min		9.0	7.0	0.0	1	Possible Infection
05/08	53.9	>min		1.0	0.0	0.0	0	

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

Date	Temperature High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
04/21	73.4	62.3	3.3	0.0	6.0		
04/22	60.4	50.1	0.0	0.0	16.0		
04/23	53.4	48.5	0.0	0.0	9.3	Heavy	
04/24	55.8	48.0	0.0	0.0	3.5		
04/25	60.5	47.4	0.0	0.0	13.0		
04/26	57.4	47.2	0.0	0.0	15.5		
04/27	57.3	49.0	0.0	0.0	2.8		
04/28	60.9	46.2	0.0	0.0	2.0		
04/29	62.8	50.3	0.0	0.0	0.0		
04/30	61.8	48.7	0.0	0.0	0.0		
05/01	56.4	51.5	0.0	0.0	7.3		
05/02	56.5	50.4	0.0	0.0	0.0		
05/03	54.6	51.1	0.0	0.0	14.0		
05/04	70.9	57.6	0.3	0.0	12.5	Heavy	
05/05	63.2	57.2	0.0	0.0	8.5		
05/06	65.7	56.9	0.0	0.0	10.0		
05/07	69.9	56.2	0.0	0.0	9.0		
05/08	53.9	52.7	0.0	0.0	1.0		

Hamden 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	Disease Intensity Seyval
04/21	62.3	6.0	0.00	0.0	0.0	0	0
04/22	50.1	16.5	1.58	14.0	48.8	28 Light	38 Moderate
04/23	48.5	10.3	1.80	21.3	46.5	30 Moderate	37 Moderate
04/24	48.0	3.8	0.00	0.0	0.0	0	0
04/25	47.4	5.0	0.01	5.0	41.4	0 Light	0 Light
04/26	47.2	8.3	0.05	20.0	42.8	4 Light	7 Light
04/27	49.0	3.0	0.00	10.5	52.8	32 Moderate	46 Moderate
04/28	46.2	0.0	0.00	0.0	0.0	0	0
04/29	50.3	0.0	0.00	0.0	0.0	0	0
04/30	48.7	0.0	0.00	0.0	0.0	0	0
05/01	51.5	7.3	0.30	7.0	51.2	15 Light	26 Light
05/02	50.4	0.0	0.00	0.0	0.0	0	0
05/03	51.1	14.5	0.07	7.8	50.0	15 Light	24 Light
05/04	57.6	12.5	0.16	7.0	50.8	14 Light	24 Light
05/05	57.2	8.5	0.00	0.0	0.0	0	0
05/06	56.9	10.3	0.00	0.0	0.0	0	0
05/07	56.2	9.0	0.00	0.0	0.0	0	0
05/08	52.7	1.3	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