

Hamden Black Rot - Grape From 2012-06-12 To 2012-06-28

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
06/12	72.1	58.1	15.8	1.38	Infection Risk
06/13	68.7	61.9	16.0	3.74	Infection Risk
06/14	76.8	55.7	7.3	4.26	Infection Risk
06/15	78.9	53.7	8.5	0.71	
06/16	78.0	53.2	5.3	0.55	
06/17	70.8	52.4	2.8	0.17	
06/18	72.8	53.4	10.0	0.63	
06/19	72.1	52.9	11.8	0.90	
06/20	94.7	62.2	10.3	1.68	Infection Risk
06/21	94.6	71.8	9.3	1.31	Infection Risk
06/22	93.5	67.8	8.3	0.99	
06/23	85.3	65.2	7.0	2.15	Infection Risk
06/24	84.0	62.8		0.00	
06/25	75.1	58.1	14.8	2.06	Infection Risk
06/26	73.6	53.3		0.00	
06/27	81.2	57.6		0.00	
06/28	77.9	59.0		0.00	

Hamden Downy Mildew - Grape From 2012-06-12 To 2012-06-28

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
06/12	72.1	0.0	0.39	15.8	14.3	0.0	1	Primary Infection
06/13	68.7	>min	0.82	16.0	21.3	2.5	3	High Risk of Infection
06/14	76.8	>min		7.3	6.0	0.0	1	Possible Infection
06/15	78.9	>min		8.5	5.0	0.0	1	Possible Infection
06/16	78.0	>min		5.3	2.8	0.0	1	Possible Infection
06/17	70.8	>min		2.8	0.8	0.0	1	Possible Infection
06/18	72.8	>min		10.0	2.5	0.0	1	Possible Infection
06/19	72.1	>min		11.8	7.0	0.0	1	Possible Infection
06/20	94.7	>min		10.3	7.3	1.0	3	High Risk of Infection
06/21	94.6	>min		9.3	0.5	0.5	3	High Risk of Infection
06/22	93.5	>min	0.22	8.3	5.0	5.0	3	High Risk of Infection
06/23	85.3	>min	0.19	7.0	7.0	6.3	3	High Risk of Infection
06/24	84.0	>min			0.0	0.0	0	
06/25	75.1	>min	1.49	14.8	11.8	4.3	3	High Risk of Infection
06/26	73.6	>min			0.0	0.0	0	
06/27	81.2	>min			0.0	0.0	0	
06/28	77.9	>min			0.0	0.0	0	

SpecWare 9 Pro - Hamden2012 Powdery Mildew - Grape From 2012-06-12 To 2012-06-28

Date	Temperature		Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index	
	High	Mean						
06/12	72.1	64.5	2.3	0.0	15.8			
06/13	68.7	65.1	0.0	0.0	16.0	Heavy		
06/14	76.8	66.3	8.5	0.0	7.3	Heavy		
06/15	78.9	66.0	10.3	0.0	8.5			
06/16	78.0	65.5	9.5	0.0	5.0		60	Heavy
06/17	70.8	62.0	0.5	0.0	2.8		50	Medium
06/18	72.8	62.8	3.3	0.0	9.8		40	Medium
06/19	72.1	64.0	6.0	0.0	11.3		60	Heavy
06/20	94.7	80.1	4.3	0.0	10.0		50	Medium
06/21	94.6	83.5	12.8	0.0	9.0		70	Heavy
06/22	93.5	78.4	14.5	0.0	8.3		90	Heavy
06/23	85.3	74.0	13.0	0.0	7.0	Heavy	100	Heavy
06/24	84.0	73.4	14.5	0.0	0.0		100	Heavy
06/25	75.1	65.1	3.3	0.0	14.8	Heavy	90	Heavy
06/26	73.6	63.7	5.5	0.0	0.0		80	Heavy
06/27	81.2	70.0	11.5	0.0	0.0		100	Heavy
06/28	77.9	68.4	3.3	0.0	0.0		90	Heavy

Hamden Phomopsis Cane+Leaf Spot - Grape From 2012-06-12 To 2012-06-28

Date	Temp Mean	Wet Hours	Rain- Fall	Wet+ Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
06/12	64.5	16.5	0.39	8.5	64.5	37 Moderate	62 Moderate
06/13	65.1	16.3	0.82	41.5	64.6	355 High	324 High
06/14	66.3	8.3	0.00	0.0	0.0	0	0
06/15	66.0	8.5	0.00	0.0	0.0	0	0
06/16	65.5	5.5	0.00	0.0	0.0	0	0
06/17	62.0	3.3	0.00	0.0	0.0	0	0
06/18	62.8	11.3	0.00	0.0	0.0	0	0
06/19	64.0	13.5	0.00	0.0	0.0	0	0
06/20	80.1	10.8	0.00	0.0	0.0	0	0
06/21	83.5	10.5	0.00	0.0	0.0	0	0
06/22	78.4	8.3	0.22	5.5	68.5	19 Light	40 Moderate
06/23	74.0	7.0	0.19	12.5	67.7	61 Moderate	95 High
06/24	73.4	0.0	0.00	0.0	0.0	0	0
06/25	65.1	14.8	1.49	18.5	64.8	112 High	140 High
06/26	63.7	0.0	0.00	0.0	0.0	0	0
06/27	70.0	0.0	0.00	0.0	0.0	0	0
06/28	68.4	0.0	0.00	0.0	0.0	0	0