

Belchertown MA Black Rot - Grape From 2010-05-20 To 2010-06-03

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
05/20	83.8	50.7	8.5	0.46	
05/21	86.6	55.0	4.3	0.36	
05/22	79.5	54.1		0.00	
05/23	78.1	53.9	9.8	0.50	
05/24	82.3	56.5	11.0	1.33	Infection Risk
05/25	90.4	59.5	9.3	1.39	Infection Risk
05/26	94.6	60.7	7.8	1.10	Infection Risk
05/27	79.3	55.9	7.3	0.84	
05/28	79.2	49.9	3.8	0.20	
05/29	78.0	54.6	5.8	0.71	
05/30	80.0	57.6	8.3	1.59	Infection Risk
05/31	83.6	57.8		0.00	
06/01	80.3	59.3	15.5	2.38	Infection Risk
06/02	84.9	58.0	8.3	3.40	Infection Risk
06/03	76.8	62.5	5.5	0.76	

Belchertown MA Downy Mildew - Grape From 2010-05-20 To 2010-06-03

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
05/20	83.8	0.0		8.5	9.3	0.0	1	Primary Infection
05/21	86.6	>min		4.3	0.5	0.0	1	Possible Infection
05/22	79.5	>min			0.0	0.0	0	
05/23	78.1	>min		9.8	3.0	0.0	1	Possible Infection
05/24	82.3	>min		11.0	7.0	0.0	1	Possible Infection
05/25	90.4	>min		9.3	7.5	0.5	3	High Risk of Infection
05/26	94.6	>min	0.38	7.8	0.0	0.0	0	
05/27	79.3	>min	0.11	7.3	1.8	0.3	1	Possible Infection
05/28	79.2	>min		3.8	0.0	0.0	0	
05/29	78.0	>min	0.01	5.8	2.0	0.0	1	Possible Infection
05/30	80.0	>min	0.01	8.3	7.8	0.0	1	Possible Infection
05/31	83.6	>min			0.0	0.0	0	
06/01	80.3	>min	0.28	15.5	13.5	7.5	3	High Risk of Infection
06/02	84.9	>min		8.3	4.8	0.0	1	Possible Infection
06/03	76.8	>min		5.5	4.3	0.0	1	Possible Infection

Belchertown MA Powdery Mildew - Grape From 2010-05-20 To 2010-06-03

Date	Temperature		Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
	High	Mean					
05/20	83.8	66.2	10.5	0.0	8.5		
05/21	86.6	69.1	10.8	0.0	4.0		
05/22	79.5	65.2	8.3	0.0	0.0		60 Heavy
05/23	78.1	64.8	6.8	0.0	9.5		80 Heavy
05/24	82.3	69.8	12.0	0.0	11.0		100 Heavy
05/25	90.4	73.4	3.5	0.0	9.0		90 Heavy
05/26	94.6	77.9	4.3	0.0	7.8		80 Heavy
05/27	79.3	65.9	11.5	0.0	7.3		100 Heavy
05/28	79.2	64.5	8.5	0.0	3.8		100 Heavy
05/29	78.0	65.1	7.8	0.0	5.5		100 Heavy
05/30	80.0	68.8	11.0	0.0	8.3	Heavy	100 Heavy
05/31	83.6	68.8	9.0	0.0	0.0		100 Heavy
06/01	80.3	66.8	3.5	0.0	15.3	Heavy	90 Heavy
06/02	84.9	71.4	11.8	0.0	8.0	Heavy	100 Heavy
06/03	76.8	66.4	2.3	0.0	5.5		90 Heavy

Belchertown MA Phomopsis Cane+Leaf Spot - Grape From 2010-05-20 To 2010-06-03

Date	Temp Mean	Wet Hours	Rain- Fall	Wet+ Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
05/20	66.2	8.8	0.00	0.0	0.0	0	0
05/21	69.1	4.5	0.00	0.0	0.0	0	0
05/22	65.2	0.0	0.00	0.0	0.0	0	0
05/23	64.8	10.5	0.00	0.0	0.0	0	0
05/24	69.8	11.3	0.00	0.0	0.0	0	0
05/25	73.4	10.0	0.00	0.0	0.0	0	0
05/26	77.9	7.8	0.38	0.3	63.4	0 Light	2 Light
05/27	65.9	7.3	0.11	7.5	60.5	30 Light	50 Moderate
05/28	64.5	4.0	0.00	0.0	0.0	0	0
05/29	65.1	6.0	0.01	4.0	63.3	13 Light	28 Light
05/30	68.8	8.5	0.01	12.5	61.1	62 Moderate	87 Moderate
05/31	68.8	0.3	0.00	0.0	0.0	0	0
06/01	66.8	16.5	0.28	11.3	69.7	50 Moderate	84 Moderate
06/02	71.4	8.5	0.00	19.5	66.4	118 High	150 High
06/03	66.4	6.0	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