

Belchertown MA Black Rot - Grape From 2010-09-15 To 2010-09-29

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
09/15	65.7	46.0	4.0	0.17	
09/16	72.4	41.4	7.8	0.92	
09/17	65.3	57.8	9.8	2.34	Infection Risk
09/18	69.4	53.2	1.8	0.14	
09/19	76.6	53.5	9.3	0.74	
09/20	68.9	45.8	3.0	0.36	
09/21	71.5	40.9		0.00	
09/22	86.1	58.1		0.00	
09/23	79.2	59.1	5.0	0.61	
09/24	84.7	58.5	4.8	0.52	
09/25	83.3	60.3	3.3	1.09	Infection Risk
09/26	74.0	52.2	2.8	0.16	
09/27	61.8	54.8	17.3	1.51	Infection Risk
09/28	74.8	61.8	19.0	4.69	Infection Risk
09/29	69.1	66.1	7.3	5.90	Infection Risk

Belchertown MA Botrytis - Grape From 2010-09-15 To 2010-09-29

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
09/15	65.7	46.0	8.0		0.00	
09/16	72.4	41.4	15.5	5.5	0.23	Low Infection Risk
09/17	65.3	57.8	9.8	9.8	0.00	
09/18	69.4	53.2	1.8		0.00	
09/19	76.6	53.5	9.3	7.5	0.00	
09/20	68.9	45.8	3.0	1.3	0.00	
09/21	71.5	40.9	2.5		0.00	
09/22	86.1	58.1			0.00	
09/23	79.2	59.1	5.0		0.00	
09/24	84.7	58.5	4.8	3.3	0.00	
09/25	83.3	60.3	3.3	0.3	0.00	
09/26	74.0	52.2	2.8		0.00	
09/27	61.8	54.8	17.3	20.5	1.78	High Infection Risk
09/28	74.8	61.8	19.0	17.0	2.08	High Infection Risk
09/29	69.1	66.1	7.3	7.3	0.00	

Belchertown MA Downy Mildew - Grape From 2010-09-15 To 2010-09-29

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours >95%RH 43-86	66-77	Risk	Warning
09/15	65.7	0.0		8.0	0.0	0.0	0	Primary Infection
09/16	72.4	>min	0.25	14.3	4.0	0.0	1	Possible Infection
09/17	65.3	>min	0.08	9.8	9.3	0.0	1	Possible Infection
09/18	69.4	>min		1.8	0.0	0.0	0	
09/19	76.6	>min		9.3	7.0	0.0	1	Possible Infection
09/20	68.9	>min		3.0	1.0	0.0	1	Possible Infection
09/21	71.5	>min			0.0	0.0	0	
09/22	86.1	>min			0.0	0.0	0	
09/23	79.2	>min		5.0	0.0	0.0	0	
09/24	84.7	>min		4.8	1.8	0.0	1	Possible Infection
09/25	83.3	>min		3.3	0.0	0.0	0	
09/26	74.0	>min		2.8	0.0	0.0	0	
09/27	61.8	>min	0.25	17.3	17.0	0.0	1	Possible Infection
09/28	74.8	>min	0.27	19.0	12.8	9.5	3	High Risk of Infection
09/29	69.1	>min		7.3	7.3	7.3	3	High Risk of Infection

Belchertown MA SpecWare 9 Pro - Belchertown2010 Powdery Mildew - Grape From 2010-09-15 To 2010-09-29

Date	Temperature High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
09/15	65.7	55.2	0.0	0.0	7.8		
09/16	72.4	57.2	2.8	0.0	15.3		
09/17	65.3	63.0	0.0	0.0	9.8	Heavy	
09/18	69.4	60.5	0.0	0.0	1.5		
09/19	76.6	63.7	7.0	0.0	9.0		
09/20	68.9	59.3	0.0	0.0	2.8		
09/21	71.5	56.9	2.3	0.0	2.5		
09/22	86.1	70.5	11.5	0.0	0.0		
09/23	79.2	67.5	8.3	0.0	5.0		
09/24	84.7	69.7	11.0	0.0	4.5		60 Heavy
09/25	83.3	73.2	19.0	0.0	3.3		80 Heavy
09/26	74.0	60.7	4.5	0.0	2.5		70 Heavy
09/27	61.8	57.7	0.0	0.0	17.3	Heavy	60 Heavy
09/28	74.8	69.9	15.3	0.0	19.0	Heavy	80 Heavy
09/29	69.1	67.6	0.0	0.0	7.3	Heavy	70 Heavy

Belchertown MA Phomopsis Cane+Leaf Spot - Grape From 2010-09-15 To 2010-09-29

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
09/15	55.2	8.3	0.00	0.0	0.0	0	0
09/16	57.2	16.0	0.25	7.8	61.4	32 Moderate	53 Moderate
09/17	63.0	9.8	0.08	17.5	63.0	103 High	129 High
09/18	60.5	2.8	0.00	0.0	0.0	0	0
09/19	63.7	10.8	0.00	0.0	0.0	0	0
09/20	59.3	3.3	0.00	0.0	0.0	0	0
09/21	56.9	2.5	0.00	0.0	0.0	0	0
09/22	70.5	0.0	0.00	0.0	0.0	0	0
09/23	67.5	5.3	0.00	0.0	0.0	0	0
09/24	69.7	5.5	0.00	0.0	0.0	0	0
09/25	73.2	5.0	0.00	0.0	0.0	0	0
09/26	60.7	3.0	0.00	0.0	0.0	0	0
09/27	57.7	18.3	0.25	9.3	58.8	38 Moderate	59 Moderate
09/28	69.9	19.5	0.27	58.3	65.1	574 High	464 High
09/29	67.6	7.3	0.00	33.3	66.7	253 High	261 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