

New Preston 2011 Black Rot - Grape From 2011-08-09 To 2011-08-24

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
08/09	79.8	64.9	8.0	1.39	Infection Risk
08/10	81.4	64.5	7.8	2.66	Infection Risk
08/11	75.9	59.4	1.5	0.16	
08/12	78.9	53.4	2.8	0.19	
08/13	79.7	57.8	1.5	0.12	
08/14	67.8	63.3	24.0	3.68	Infection Risk
08/15	68.7	61.3	24.0	7.42	Infection Risk
08/16	73.7	58.7	12.5	8.42	Infection Risk
08/17	81.9	59.5	7.8	1.33	Infection Risk
08/18	79.8	61.7	13.5	1.92	Infection Risk
08/19	81.1	62.2	13.5	3.24	Infection Risk
08/20	82.6	59.3	9.8	1.61	Infection Risk
08/21	79.5	63.1	14.0	2.43	Infection Risk
08/22	72.5	58.1	5.5	3.29	Infection Risk
08/23	74.0	51.5	3.0	0.14	
08/24	57.8	54.6	3.0	0.27	

New Preston 2011 Botrytis - Grape From 2011-08-09 To 2011-08-24

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
08/09	79.8	64.9	8.0	7.8	0.00	
08/10	81.4	64.5	7.8	7.8	0.00	
08/11	75.9	59.4	1.5		0.00	
08/12	78.9	53.4	2.8	1.5	0.00	
08/13	79.7	57.8	1.5		0.00	
08/14	67.8	63.3	24.0	23.8	3.27	High Infection Risk
08/15	68.7	61.3	24.0	24.0	3.29	High Infection Risk
08/16	73.7	58.7	12.5	12.8	0.15	Low Infection Risk
08/17	81.9	59.5	7.8	5.8	0.00	
08/18	79.8	61.7	13.5	11.0	0.66	Moderate Infection Risk
08/19	81.1	62.2	13.5	13.8	0.71	Moderate Infection Risk
08/20	82.6	59.3	9.8	8.5	0.00	
08/21	79.5	63.1	14.0	14.5	0.93	Moderate Infection Risk
08/22	72.5	58.1	5.5	4.0	0.00	
08/23	74.0	51.5	3.0	0.5	0.00	
08/24	57.8	54.6	3.0	0.8	0.00	

New Preston 2011 Downy Mildew - Grape From 2011-08-09 To 2011-08-24

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
08/09	79.8	0.0	0.65	8.0	7.5	7.5	1	Primary Infection
08/10	81.4	>min	0.29	7.8	7.0	5.0	3	High Risk of Infection
08/11	75.9	>min		1.5	0.0	0.0	0	
08/12	78.9	>min		2.8	1.0	0.0	1	Possible Infection
08/13	79.7	>min		1.5	0.0	0.0	0	
08/14	67.8	>min	0.51	24.0	22.5	6.3	3	High Risk of Infection
08/15	68.7	>min	1.02	24.0	24.0	16.3	3	High Risk of Infection
08/16	73.7	>min	0.08	12.5	11.3	0.0	1	Possible Infection
08/17	81.9	>min		7.8	5.3	0.0	1	Possible Infection
08/18	79.8	>min	0.80	13.5	9.3	0.5	3	High Risk of Infection
08/19	81.1	>min	0.10	13.5	13.3	2.3	3	High Risk of Infection
08/20	82.6	>min	0.01	9.8	8.3	0.0	1	Possible Infection
08/21	79.5	>min	0.56	14.0	13.8	5.8	3	High Risk of Infection
08/22	72.5	>min		5.5	3.8	3.3	3	High Risk of Infection
08/23	74.0	>min		3.0	0.0	0.0	0	
08/24	57.8	>min		3.0	0.8	0.0	1	Possible Infection

New Preston 2011 Powdery Mildew - Grape From 2011-08-09 To 2011-08-24

Date	Temperature High	Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
08/09	79.8	70.8	10.0	0.0	8.0		
08/10	81.4	72.3	13.0	0.0	7.8	Heavy	
08/11	75.9	67.5	8.5	0.0	1.3		60 Heavy
08/12	78.9	66.0	9.0	0.0	2.8		80 Heavy
08/13	79.7	69.6	13.3	0.0	1.5		100 Heavy
08/14	67.8	65.1	0.0	0.0	24.0	Heavy	90 Heavy
08/15	68.7	65.9	0.0	0.0	23.8	Heavy	80 Heavy
08/16	73.7	64.0	3.8	0.0	12.3	Heavy	70 Heavy
08/17	81.9	70.7	11.8	0.0	6.8		90 Heavy
08/18	79.8	68.7	10.0	0.0	13.3	Heavy	100 Heavy
08/19	81.1	69.5	9.5	0.0	13.3	Heavy	100 Heavy
08/20	82.6	69.7	10.8	0.0	9.5	Heavy	100 Heavy
08/21	79.5	69.2	5.5	0.0	13.5	Heavy	90 Heavy
08/22	72.5	65.3	1.8	0.0	5.5	Heavy	80 Heavy
08/23	74.0	62.8	4.8	0.0	2.8		70 Heavy
08/24	57.8	56.2	0.0	0.0	3.0		60 Heavy

New Preston 2011 Phomopsis Cane+Leaf Spot - Grape From 2011-08-09 To 2011-08-24

Date	Temp Mean	Wet Hours	Rain- Fall	Wet+ Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
08/09	70.8	8.0	0.65	8.0	69.2	31 Moderate	59 Moderate
08/10	72.3	8.0	0.29	16.0	68.1	86 Moderate	122 High
08/11	67.5	1.8	0.00	0.0	0.0	0	0
08/12	66.0	3.8	0.00	0.0	0.0	0	0
08/13	69.6	3.5	0.00	0.0	0.0	0	0
08/14	65.1	24.0	0.51	24.0	65.1	161 High	185 High
08/15	65.9	24.0	1.02	48.0	65.5	434 High	381 High
08/16	64.0	13.3	0.08	58.0	64.6	572 High	459 High
08/17	70.7	7.8	0.00	0.0	0.0	0	0
08/18	68.7	14.8	0.80	7.0	67.0	27 Light	52 Moderate
08/19	69.5	13.5	0.10	18.0	64.8	107 High	136 High
08/20	69.7	10.5	0.01	13.3	62.0	69 Moderate	95 High
08/21	69.2	15.8	0.56	9.8	68.3	42 Moderate	73 Moderate
08/22	65.3	5.5	0.00	13.0	67.3	65 Moderate	99 High
08/23	62.8	3.8	0.00	0.0	0.0	0	0
08/24	56.2	3.0	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