

New Preston2011 Black Rot - Grape From 2011-08-15 To 2011-08-31

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
08/15	68.7	61.3	24.0	3.75	Infection Risk
08/16	73.7	58.7	12.5	4.75	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	76.1	54.3	7.0	0.56	
08/25	73.0	66.0	8.0	1.38	Infection Risk
08/26	81.7	61.3	10.3	2.57	Infection Risk
08/27	73.5	64.0	21.5	3.87	Infection Risk
08/28	71.4	60.1	17.5	6.84	Infection Risk
08/29	74.1	52.5	1.0	0.07	
08/30	78.4	51.8	3.5	0.24	
08/31	59.6	56.0	3.8	0.40	

New Preston2011 Botrytis - Grape From 2011-08-15 To 2011-08-31

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
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	76.1	54.3	7.0	4.3	0.00	
08/25	73.0	66.0	8.0	5.0	0.00	
08/26	81.7	61.3	10.3	9.5	0.00	
08/27	73.5	64.0	21.5	23.3	3.09	High Infection Risk
08/28	71.4	60.1	17.5	18.8	1.82	High Infection Risk
08/29	74.1	52.5	1.0	0.5	0.00	
08/30	78.4	51.8	3.5	1.0	0.00	
08/31	59.6	56.0	3.8	2.0	0.00	

New Preston2011 Downy Mildew - Grape From 2011-08-15 To 2011-08-31

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
08/15	68.7	0.0	1.02	24.0	24.0	16.3	1	Primary 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	76.1	>min		7.0	3.8	0.0	1	Possible Infection
08/25	73.0	>min	1.54	8.0	3.8	3.8	3	High Risk of Infection
08/26	81.7	>min	0.05	10.3	9.0	2.5	3	High Risk of Infection
08/27	73.5	>min	1.22	21.5	22.5	15.5	3	High Risk of Infection
08/28	71.4	>min	5.20	17.5	16.5	16.5	3	High Risk of Infection
08/29	74.1	>min		1.0	0.0	0.0	0	
08/30	78.4	>min		3.5	0.0	0.0	0	
08/31	59.6	>min		3.8	0.8	0.0	1	Possible Infection

New Preston2011 Powdery Mildew - Grape From 2011-08-15 To 2011-08-31

Date	Temperature High	Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
08/15	68.7	65.9	0.0	0.0	23.8	Heavy	
08/16	73.7	64.0	3.8	0.0	12.3	Heavy	
08/17	81.9	70.7	11.8	0.0	6.8		
08/18	79.8	68.7	10.0	0.0	13.3	Heavy	
08/19	81.1	69.5	9.5	0.0	13.3	Heavy	60 Heavy
08/20	82.6	69.7	10.8	0.0	9.5	Heavy	80 Heavy
08/21	79.5	69.2	5.5	0.0	13.5	Heavy	70 Heavy
08/22	72.5	65.3	1.8	0.0	5.5	Heavy	60 Heavy
08/23	74.0	62.8	4.8	0.0	2.8		50 Medium
08/24	76.1	65.5	8.3	0.0	7.0		70 Heavy
08/25	73.0	69.7	12.0	0.0	6.5		90 Heavy
08/26	81.7	70.6	10.5	0.0	10.3	Heavy	100 Heavy
08/27	73.5	68.6	10.0	0.0	20.0	Heavy	100 Heavy
08/28	71.4	67.0	3.3	0.0	17.0	Heavy	90 Heavy
08/29	74.1	62.0	4.3	0.0	0.5		80 Heavy
08/30	78.4	65.3	8.5	0.0	3.5		100 Heavy
08/31	59.6	57.9	0.0	0.0	3.5		90 Heavy

New Preston2011 Phomopsis Cane+Leaf Spot - Grape From 2011-08-15 To 2011-08-31

Date	Temp Mean	Wet Hours	Rain- Fall	Wet+ Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
08/15	65.9	24.0	1.02	23.8	65.9	158 High	184 High
08/16	64.0	13.3	0.08	33.8	64.2	264 High	260 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	65.5	7.3	0.00	0.0	0.0	0	0
08/25	69.7	12.8	1.54	8.3	70.5	31 Moderate	60 Moderate
08/26	70.6	10.8	0.05	10.0	65.0	46 Moderate	74 Moderate
08/27	68.6	22.3	1.22	13.0	70.3	60 Moderate	97 High
08/28	67.0	19.5	5.20	59.3	69.2	543 High	473 High
08/29	62.0	2.0	0.00	0.0	0.0	0	0
08/30	65.3	4.8	0.00	0.0	0.0	0	0
08/31	57.9	4.3	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