

New Preston 2011 Black Rot - Grape From 2011-08-01 To 2011-08-14

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
08/01	86.0	64.6	4.8	0.42	
08/02	84.4	61.8	3.5	0.83	
08/03	80.6	59.3	3.8	0.55	
08/04	80.0	63.5	9.5	1.61	Infection Risk
08/05	82.6	63.6	10.5	1.68	Infection Risk
08/06	77.5	65.4	12.3	1.54	Infection Risk
08/07	84.6	65.3	14.8	2.65	Infection Risk
08/08	84.4	70.0	7.0	1.90	Infection Risk
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	65.8	63.3	5.8	0.87	

New Preston 2011 Botrytis - Grape From 2011-08-01 To 2011-08-14

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
08/01	86.0	64.6	4.8	0.3	0.00	
08/02	84.4	61.8	3.5	0.8	0.00	
08/03	80.6	59.3	3.8	2.5	0.00	
08/04	80.0	63.5	9.5	7.3	0.00	
08/05	82.6	63.6	10.5	9.5	0.00	
08/06	77.5	65.4	12.3	12.3	0.44	Low Infection Risk
08/07	84.6	65.3	14.8	15.5	1.20	High Infection Risk
08/08	84.4	70.0	7.0	7.0	0.00	
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	65.8	63.3	5.8	5.5	0.00	

New Preston 2011 Downy Mildew - Grape From 2011-08-01 To 2011-08-14

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
08/01	86.0	0.0		4.8	0.0	0.0	0	Primary Infection
08/02	84.4	>min	0.07	3.5	0.5	0.0	1	Possible Infection
08/03	80.6	>min	0.03	3.8	2.3	0.0	1	Possible Infection
08/04	80.0	>min	0.01	9.5	6.0	0.0	1	Possible Infection
08/05	82.6	>min		10.5	8.8	1.3	3	High Risk of Infection
08/06	77.5	>min	0.73	12.3	10.5	9.8	3	High Risk of Infection
08/07	84.6	>min	0.56	14.8	15.3	14.3	3	High Risk of Infection
08/08	84.4	>min		7.0	7.0	7.0	3	High Risk of Infection
08/09	79.8	>min	0.65	8.0	7.5	7.5	3	High Risk of 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	65.8	>min	0.08	5.8	4.5	0.0	1	Possible Infection

New Preston 2011 Powdery Mildew - Grape From 2011-08-01 To 2011-08-14

Date	Temperature High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
08/01	86.0	73.7	9.8	0.0	4.5		
08/02	84.4	73.9	15.3	0.0	3.5		
08/03	80.6	69.1	10.0	0.0	3.8		60 Heavy
08/04	80.0	70.6	12.5	0.0	9.3		80 Heavy
08/05	82.6	71.3	11.3	0.0	10.3		100 Heavy
08/06	77.5	70.9	10.5	0.0	12.3		100 Heavy
08/07	84.6	74.0	16.8	0.0	14.8	Heavy	100 Heavy
08/08	84.4	75.0	24.0	0.0	7.0		100 Heavy
08/09	79.8	70.8	10.0	0.0	8.0		100 Heavy
08/10	81.4	72.3	13.0	0.0	7.8	Heavy	100 Heavy
08/11	75.9	67.5	8.5	0.0	1.3		100 Heavy
08/12	78.9	66.0	9.0	0.0	2.8		100 Heavy
08/13	79.7	69.6	13.3	0.0	1.5		100 Heavy
08/14	65.8	64.2	0.0	0.0	5.8		90 Heavy

New Preston 2011 Phomopsis Cane+Leaf Spot - Grape From 2011-08-01 To 2011-08-14

Date	Temp Mean	Wet Hours	Rain- Fall	Wet+ Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
08/01	73.7	5.3	0.00	0.0	0.0	0	0
08/02	73.9	4.3	0.07	1.3	69.0	2 Light	9 Light
08/03	69.1	5.0	0.03	3.0	65.7	8 Light	21 Light
08/04	70.6	10.0	0.01	10.8	64.8	51 Moderate	80 Moderate
08/05	71.3	11.3	0.00	0.0	0.0	0	0
08/06	70.9	13.0	0.73	5.0	67.6	17 Light	36 Moderate
08/07	74.0	15.3	0.56	20.3	69.6	115 High	154 High
08/08	75.0	7.5	0.00	12.0	71.8	50 Moderate	87 Moderate
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	64.2	5.8	0.08	6.3	64.3	24 Light	45 Moderate

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