

New Preston 2011 Black Rot - Grape From 2011-07-01 To 2011-07-19

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
07/01	75.6	54.3		0.00	
07/02	82.8	58.0	5.3	0.54	
07/03	70.5	62.3	12.8	2.19	Infection Risk
07/04	82.8	65.2	7.0	3.28	Infection Risk
07/05	83.1	64.1		0.00	
07/06	86.2	62.1	1.5	0.21	
07/07	84.0	64.7	6.3	1.20	Infection Risk
07/08	81.5	64.6	7.8	1.24	Infection Risk
07/09	81.0	64.3	7.3	2.36	Infection Risk
07/10	81.6	57.9	0.5	0.05	
07/11	87.6	62.8	6.5	0.95	
07/12	87.1	73.9	0.3	0.04	
07/13	83.0	60.7	2.5	0.37	
07/14	79.7	57.9		0.00	
07/15	82.3	58.4	1.0	0.10	
07/16	85.7	59.0	1.5	0.17	
07/17	86.8	63.7		0.00	
07/18	82.1	68.7	4.8	0.82	
07/19	83.5	68.0	7.3	2.08	Infection Risk

New Preston 2011 Downy Mildew - Grape From 2011-07-01 To 2011-07-19

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
07/01	75.6				0.0	0.0	0	
07/02	82.8	0.0		5.3	1.0	0.0	1	Primary Infection
07/03	70.5	>min	0.05	12.8	8.8	8.8	3	High Risk of Infection
07/04	82.8	>min		7.0	7.3	5.3	3	High Risk of Infection
07/05	83.1	>min			0.0	0.0	0	
07/06	86.2	>min		1.5	0.0	0.0	0	
07/07	84.0	>min		6.3	0.0	0.0	0	
07/08	81.5	>min	0.23	7.8	6.3	6.0	3	High Risk of Infection
07/09	81.0	>min	0.02	7.3	5.3	0.3	1	Possible Infection
07/10	81.6	>min		0.5	0.0	0.0	0	
07/11	87.6	>min		6.5	1.5	0.0	1	Possible Infection
07/12	87.1	>min		0.3	0.0	0.0	0	
07/13	83.0	>min	0.20	2.5	0.0	0.0	0	
07/14	79.7	>min			0.0	0.0	0	
07/15	82.3	>min		1.0	0.0	0.0	0	
07/16	85.7	>min		1.5	0.0	0.0	0	
07/17	86.8	>min			0.0	0.0	0	
07/18	82.1	>min	0.04	4.8	2.8	2.8	3	High Risk of Infection
07/19	83.5	>min		7.3	7.0	7.0	3	High Risk of Infection

New Preston 2011 Powdery Mildew - Grape From 2011-07-01 To 2011-07-19

Date	Temperature		Hours	Hours	Wet	Ascospore	Conidial
	High	Mean	70-85	>95	Hours	Infection	Index
07/01	75.6	66.8	8.8	0.0	0.0		
07/02	82.8	70.8	13.3	0.0	5.3		
07/03	70.5	67.1	0.8	0.0	12.3		
07/04	82.8	72.7	13.5	0.0	7.0	Heavy	
07/05	83.1	73.8	13.8	0.0	0.0		
07/06	86.2	75.1	14.3	0.0	1.3		60 Heavy
07/07	84.0	73.6	13.8	0.0	6.0		80 Heavy
07/08	81.5	70.1	9.0	0.0	7.5		100 Heavy
07/09	81.0	71.7	12.0	0.0	7.0	Heavy	100 Heavy
07/10	81.6	70.5	12.5	0.0	0.3		100 Heavy
07/11	87.6	75.6	11.3	0.0	6.5		100 Heavy
07/12	87.1	79.6	13.0	0.0	0.0		100 Heavy
07/13	83.0	70.2	16.3	0.0	2.5		100 Heavy
07/14	79.7	66.6	9.3	0.0	0.0		100 Heavy
07/15	82.3	69.9	11.8	0.0	1.0		100 Heavy
07/16	85.7	72.4	12.8	0.0	1.5		100 Heavy
07/17	86.8	76.1	13.0	0.0	0.0		100 Heavy
07/18	82.1	74.5	21.5	0.0	4.5		100 Heavy
07/19	83.5	73.9	9.0	0.0	7.3		100 Heavy

New Preston 2011 Phomopsis Cane+Leaf Spot - Grape From 2011-07-01 To 2011-07-19

Date	Temp	Wet	Rain-	Wet+	Wet	Disease Intensity	
	Mean	Hours	Fall	Rain	Temp	Catawba	Seyval
07/01	66.8	0.0	0.00	0.0	0.0	0	0
07/02	70.8	5.8	0.00	0.0	0.0	0	0
07/03	67.1	13.5	0.05	12.0	68.5	56 Moderate	90 High
07/04	72.7	8.0	0.00	19.0	67.8	111 High	146 High
07/05	73.8	0.0	0.00	0.0	0.0	0	0
07/06	75.1	2.8	0.00	0.0	0.0	0	0
07/07	73.6	6.5	0.00	0.0	0.0	0	0
07/08	70.1	9.5	0.23	7.8	67.5	31 Moderate	58 Moderate
07/09	71.7	7.5	0.02	14.8	66.6	79 Moderate	112 High
07/10	70.5	2.0	0.00	0.0	0.0	0	0
07/11	75.6	6.5	0.00	0.0	0.0	0	0
07/12	79.6	0.5	0.00	0.0	0.0	0	0
07/13	70.2	3.0	0.20	2.8	66.5	7 Light	20 Light
07/14	66.6	0.0	0.00	0.0	0.0	0	0
07/15	69.9	2.5	0.00	0.0	0.0	0	0
07/16	72.4	2.5	0.00	0.0	0.0	0	0
07/17	76.1	0.5	0.00	0.0	0.0	0	0
07/18	74.5	5.0	0.04	0.8	73.4	1 Light	5 Light
07/19	73.9	7.3	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