

New Preston 2011 Black Rot - Grape From 2011-06-01 To 2011-06-23

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
06/01	84.9	63.2	7.3	1.05	Infection Risk
06/02	71.0	54.0		0.00	
06/03	69.2	49.2		0.00	
06/04	75.2	50.8	0.3	0.01	
06/05	68.6	48.1	7.3	0.25	
06/06	79.4	55.6	6.8	0.61	
06/07	84.4	57.8	3.5	0.38	
06/08	88.8	64.3	9.8	1.00	
06/09	87.9	62.3	14.5	1.56	Infection Risk
06/10	79.8	64.2	7.5	2.30	Infection Risk
06/11	65.1	54.9	17.8	1.75	Infection Risk
06/12	64.4	52.6	10.8	2.18	Infection Risk
06/13	67.2	55.3	6.3	0.75	
06/14	61.8	51.6	15.5	1.21	Infection Risk
06/15	78.4	53.5	3.3	1.36	Infection Risk
06/16	78.9	53.5	6.5	0.53	
06/17	73.4	60.4	11.0	1.36	Infection Risk
06/18	80.1	59.7	9.0	2.12	Infection Risk
06/19	74.5	57.0	1.5	0.54	
06/20	79.0	53.3	0.5	0.03	
06/21	81.6	56.0	10.3	0.84	
06/22	70.1	65.1	24.0	4.86	Infection Risk
06/23	68.5	64.0	12.0	6.76	Infection Risk

New Preston 2011 Downy Mildew - Grape From 2011-06-01 To 2011-06-23

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
06/01	84.9	0.0		7.3	6.3	0.5	1	Primary Infection
06/02	71.0	>min			0.0	0.0	0	
06/03	69.2	>min			0.0	0.0	0	
06/04	75.2	>min		0.3	0.0	0.0	0	
06/05	68.6	>min		7.3	0.0	0.0	0	
06/06	79.4	>min		6.8	0.0	0.0	0	
06/07	84.4	>min		3.5	0.0	0.0	0	
06/08	88.8	>min	0.06	9.8	1.5	0.0	1	Possible Infection
06/09	87.9	>min	0.93	14.5	11.0	3.5	3	High Risk of Infection
06/10	79.8	>min	0.01	7.5	5.8	0.3	1	Possible Infection
06/11	65.1	>min	0.22	17.8	16.0	0.0	1	Possible Infection
06/12	64.4	>min	0.30	10.8	12.3	0.0	1	Possible Infection
06/13	67.2	>min	0.10	6.3	4.3	0.0	1	Possible Infection
06/14	61.8	>min	0.09	15.5	2.8	0.0	1	Possible Infection
06/15	78.4	>min		3.3	0.0	0.0	0	
06/16	78.9	>min		6.5	6.0	0.0	1	Possible Infection
06/17	73.4	>min	2.05	11.0	12.5	0.3	1	Possible Infection
06/18	80.1	>min		9.0	8.0	0.0	1	Possible Infection
06/19	74.5	>min		1.5	0.0	0.0	0	
06/20	79.0	>min		0.5	0.0	0.0	0	
06/21	81.6	>min		10.3	0.5	0.5	3	High Risk of Infection
06/22	70.1	>min	0.68	24.0	22.3	18.5	3	High Risk of Infection
06/23	68.5	>min	0.56	12.0	12.5	5.5	3	High Risk of Infection

New Preston 2011 Powdery Mildew - Grape From 2011-06-01 To 2011-06-23

Date	Temperature		Hours	Hours	Wet	Ascospore	Conidial
	High	Mean	70-85	>95	Hours	Infection	Index
06/01	84.9	74.3	15.3	0.0	7.3		
06/02	71.0	63.0	0.5	0.0	0.0		
06/03	69.2	58.9	0.0	0.0	0.0		
06/04	75.2	62.2	6.0	0.0	0.3		
06/05	68.6	58.8	0.0	0.0	7.3		
06/06	79.4	67.3	10.3	0.0	6.8		
06/07	84.4	72.5	15.8	0.0	3.5		
06/08	88.8	76.6	8.0	0.0	9.5		60 Heavy
06/09	87.9	71.4	6.3	0.0	14.0		80 Heavy
06/10	79.8	71.0	11.3	0.0	7.0	Heavy	100 Heavy
06/11	65.1	58.7	0.0	0.0	17.0	Heavy	90 Heavy
06/12	64.4	57.7	0.0	0.0	10.8	Heavy	80 Heavy
06/13	67.2	60.7	0.0	0.0	6.0		70 Heavy
06/14	61.8	57.2	0.0	0.0	15.0	Heavy	60 Heavy
06/15	78.4	64.7	8.5	0.0	1.3	Heavy	80 Heavy
06/16	78.9	67.4	10.8	0.0	6.5		100 Heavy
06/17	73.4	64.3	3.0	0.0	10.5		90 Heavy
06/18	80.1	69.1	11.5	0.0	8.5	Heavy	100 Heavy
06/19	74.5	67.2	8.0	0.0	1.5		100 Heavy
06/20	79.0	66.3	10.5	0.0	0.5		100 Heavy
06/21	81.6	69.8	12.0	0.0	10.0		100 Heavy
06/22	70.1	67.7	0.3	0.0	24.0	Heavy	90 Heavy
06/23	68.5	66.2	0.0	0.0	11.8	Heavy	80 Heavy

NewPreston 2011 Phomopsis Cane+Leaf Spot - Grape From 2011-06-01 To 2011-06-23

Date	Temp	Wet	Rain-	Wet+	Wet	Disease	Intensity
	Mean	Hours	Fall	Rain	Temp	Catawba	Seyval
06/01	74.3	7.8	0.00	0.0	0.0	0	0
06/02	63.0	0.0	0.00	0.0	0.0	0	0
06/03	58.9	0.0	0.00	0.0	0.0	0	0
06/04	62.2	0.3	0.00	0.0	0.0	0	0
06/05	58.8	7.5	0.00	0.0	0.0	0	0
06/06	67.3	7.5	0.00	0.0	0.0	0	0
06/07	72.5	4.5	0.00	0.0	0.0	0	0
06/08	76.6	10.0	0.06	2.5	65.0	6 Light	18 Light
06/09	71.4	15.5	0.93	17.8	65.5	105 High	135 High
06/10	71.0	7.8	0.01	14.8	65.7	80 Moderate	112 High
06/11	58.7	18.5	0.22	18.0	58.4	98 High	116 High
06/12	57.7	11.0	0.30	15.3	55.0	64 Moderate	80 Moderate
06/13	60.7	6.5	0.10	6.3	56.0	19 Light	34 Moderate
06/14	57.2	18.8	0.09	19.8	56.9	104 High	118 High
06/15	64.7	4.5	0.00	12.5	56.1	52 Moderate	70 Moderate
06/16	67.4	8.0	0.00	0.0	0.0	0	0
06/17	64.3	12.0	2.05	7.5	62.4	31 Moderate	53 Moderate
06/18	69.1	10.3	0.00	0.0	0.0	0	0
06/19	67.2	1.8	0.00	0.0	0.0	0	0
06/20	66.3	0.5	0.00	0.0	0.0	0	0
06/21	69.8	11.3	0.00	0.0	0.0	0	0
06/22	67.7	24.0	0.68	14.5	68.3	74 Moderate	110 High
06/23	66.2	12.0	0.56	50.5	67.5	452 High	404 High