

Newport Black Rot - Grape From 2012-08-01 To 2012-08-11

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
08/01	80.9	62.3	11.8	1.28	Infection Risk
08/02	85.1	68.3	12.3	2.05	Infection Risk
08/03	90.1	70.1	12.0	2.05	Infection Risk
08/04	86.0	72.8	13.3	1.94	Infection Risk
08/05	83.5	74.3	21.8	4.11	Infection Risk
08/06	91.0	61.9	8.3	5.49	Infection Risk
08/07	80.3	63.2		0.00	
08/08	86.6	61.1	7.8	0.91	
08/09	82.5	67.2	15.3	2.82	Infection Risk
08/10	80.8	72.8	21.5	6.30	Infection Risk
08/11	80.9	72.8	12.8	8.38	Infection Risk

Newport Botrytis - Grape From 2012-08-01 To 2012-08-11

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
08/01	80.9	62.3	11.8	11.8	0.25	Low Infection Risk
08/02	85.1	68.3	12.3	12.0	0.42	Low Infection Risk
08/03	90.1	70.1	12.0	11.8	0.27	Low Infection Risk
08/04	86.0	72.8	13.3	13.0	0.50	Low Infection Risk
08/05	83.5	74.3	21.8	16.8	2.32	High Infection Risk
08/06	91.0	61.9	8.3	7.8	0.00	
08/07	80.3	63.2			0.00	
08/08	86.6	61.1	7.8	7.8	0.00	
08/09	82.5	67.2	15.3	13.8	1.08	High Infection Risk
08/10	80.8	72.8	21.5	19.5	2.47	High Infection Risk
08/11	80.9	72.8	12.8	12.0	0.37	Low Infection Risk

Newport Downy Mildew - Grape From 2012-08-01 To 2012-08-11

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
08/01	80.9	0.0		11.8	11.0	7.0	1	Primary Infection
08/02	85.1	>min		12.3	11.5	11.5	3	High Risk of Infection
08/03	90.1	>min		12.0	11.5	11.3	3	High Risk of Infection
08/04	86.0	>min		13.3	12.8	12.5	3	High Risk of Infection
08/05	83.5	>min		21.8	15.5	14.8	3	High Risk of Infection
08/06	91.0	>min		8.3	6.3	6.3	3	High Risk of Infection
08/07	80.3	>min			0.0	0.0	0	
08/08	86.6	>min		7.8	7.0	2.5	3	High Risk of Infection
08/09	82.5	>min		15.3	13.3	13.3	3	High Risk of Infection
08/10	80.8	>min	1.46	21.5	18.3	18.3	3	High Risk of Infection
08/11	80.9	>min	0.07	12.8	10.3	10.3	3	High Risk of Infection

Newport Powdery Mildew - Grape From 2012-08-01 To 2012-08-11

Date	Temperature		Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
	High	Mean					
08/01	80.9	71.5	12.8	0.0	11.5		
08/02	85.1	74.9	17.0	0.0	12.0		
08/03	90.1	78.1	17.3	0.0	11.8		60 Heavy
08/04	86.0	78.1	23.0	0.0	13.3		80 Heavy
08/05	83.5	77.2	24.0	0.0	20.0	Heavy	100 Heavy
08/06	91.0	77.5	8.8	0.0	8.0	Heavy	100 Heavy
08/07	80.3	71.9	13.5	0.0	0.0		100 Heavy
08/08	86.6	73.4	15.3	0.0	7.0		100 Heavy
08/09	82.5	74.6	18.5	0.0	14.8	Heavy	100 Heavy
08/10	80.8	75.1	24.0	0.0	21.0	Heavy	100 Heavy
08/11	80.9	75.8	17.5	0.0	12.0	Heavy	100 Heavy

Newport Phomopsis Cane+Leaf Spot - Grape From 2012-08-01 To 2012-08-11

Date	Temp Mean	Wet Hours	Rain- Fall	Wet+ Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
08/01	71.5	12.5	0.00	0.0	0.0	0	0
08/02	74.9	13.0	0.00	0.0	0.0	0	0
08/03	78.1	12.5	0.00	0.0	0.0	0	0
08/04	78.1	15.0	0.00	0.0	0.0	0	0
08/05	77.2	24.0	0.00	0.0	0.0	0	0
08/06	77.5	8.8	0.00	0.0	0.0	0	0
08/07	71.9	0.0	0.00	0.0	0.0	0	0
08/08	73.4	9.0	0.00	0.0	0.0	0	0
08/09	74.6	18.5	0.00	0.0	0.0	0	0
08/10	75.1	24.0	1.46	8.5	73.9	27 Light	58 Moderate
08/11	75.8	17.0	0.07	25.0	75.0	118 High	170 High