

Newport Black Rot - Grape From 2011-08-01 To 2011-08-16

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
08/01	87.5	67.6	3.0	0.34	
08/02	94.1	66.4		0.00	
08/03	85.8	61.2	4.8	0.37	
08/04	84.6	60.4	8.3	1.42	Infection Risk
08/05	81.4	60.5	1.8	0.36	
08/06	82.7	70.0	1.8	0.30	
08/07	74.2	70.5	24.0	4.44	Infection Risk
08/08	91.4	67.2	16.0	7.15	Infection Risk
08/09	78.6	66.5	13.0	8.71	Infection Risk
08/10	87.6	66.0	11.0	2.27	Infection Risk
08/11	85.0	60.4	6.5	1.22	Infection Risk
08/12	85.6	59.0	0.8	0.10	
08/13	89.6	59.5	6.3	0.72	
08/14	72.6	67.8	17.8	3.22	Infection Risk
08/15	70.3	60.9	24.0	7.12	Infection Risk
08/16	71.6	60.2	6.3	7.82	Infection Risk

Newport Botrytis - Grape From 2011-08-01 To 2011-08-16

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
08/01	87.5	67.6	3.0	2.0	0.00	
08/02	94.1	66.4			0.00	
08/03	85.8	61.2	4.8	6.0	0.00	
08/04	84.6	60.4	8.3	8.0	0.00	
08/05	81.4	60.5	1.8	2.0	0.00	
08/06	82.7	70.0	1.8		0.00	
08/07	74.2	70.5	24.0	22.5	3.29	High Infection Risk
08/08	91.4	67.2	16.0	15.5	1.27	High Infection Risk
08/09	78.6	66.5	13.0	11.5	0.60	Moderate Infection Risk
08/10	87.6	66.0	11.0	10.0	0.07	Low Infection Risk
08/11	85.0	60.4	6.5	6.8	0.00	
08/12	85.6	59.0	0.8	0.5	0.00	
08/13	89.6	59.5	6.3	6.0	0.00	
08/14	72.6	67.8	17.8	8.0	1.80	High Infection Risk
08/15	70.3	60.9	24.0	23.5	3.33	High Infection Risk
08/16	71.6	60.2	6.3	7.5	0.00	

Newport Downy Mildew - Grape From 2011-08-01 To 2011-08-16

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
08/01	87.5	0.0		3.0	1.0	1.0	1	Primary Infection
08/02	94.1	>min			0.0	0.0	0	
08/03	85.8	>min		4.8	0.8	0.0	1	Possible Infection
08/04	84.6	>min		8.3	6.8	0.3	1	Possible Infection
08/05	81.4	>min		1.8	1.8	0.0	1	Possible Infection
08/06	82.7	>min		1.8	0.0	0.0	0	
08/07	74.2	>min	1.10	24.0	22.3	22.3	3	High Risk of Infection
08/08	91.4	>min	0.56	16.0	15.5	15.0	3	High Risk of Infection
08/09	78.6	>min	0.08	13.0	11.3	11.3	3	High Risk of Infection
08/10	87.6	>min	0.22	11.0	9.5	9.5	3	High Risk of Infection
08/11	85.0	>min		6.5	6.5	2.8	3	High Risk of Infection
08/12	85.6	>min		0.8	0.0	0.0	0	
08/13	89.6	>min		6.3	3.5	0.3	1	Possible Infection
08/14	72.6	>min	0.01	17.8	3.5	3.5	3	High Risk of Infection
08/15	70.3	>min	2.09	24.0	21.5	15.3	3	High Risk of Infection
08/16	71.6	>min		6.3	7.3	0.0	1	Possible Infection

Newport Powdery Mildew - Grape From 2011-08-01 To 2011-08-16

Date	Temperature High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
08/01	87.5	77.1	11.8	0.0	2.8		
08/02	94.1	77.6	4.3	0.0	0.0		
08/03	85.8	70.5	10.8	0.0	3.5		
08/04	84.6	71.5	12.5	0.0	7.5		
08/05	81.4	70.8	11.3	0.0	1.8		60 Heavy
08/06	82.7	74.2	24.0	0.0	1.8		80 Heavy
08/07	74.2	72.1	24.0	0.0	24.0	Heavy	100 Heavy
08/08	91.4	76.3	10.8	0.0	16.0	Heavy	100 Heavy
08/09	78.6	71.9	14.0	0.0	13.0	Heavy	100 Heavy
08/10	87.6	75.3	18.3	0.0	11.0	Heavy	100 Heavy
08/11	85.0	71.9	12.0	0.0	6.0		100 Heavy
08/12	85.6	72.2	12.5	0.0	0.5		100 Heavy
08/13	89.6	72.8	13.3	0.0	5.8		100 Heavy
08/14	72.6	70.5	16.3	0.0	15.0	Heavy	100 Heavy
08/15	70.3	67.2	1.8	0.0	24.0	Heavy	90 Heavy
08/16	71.6	62.6	0.5	0.0	4.5	Heavy	80 Heavy

Newport Phomopsis Cane+Leaf Spot - Grape From 2011-08-01 To 2011-08-16

Date	Temp Mean	Wet Hours	Rain- Fall	Wet+ Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
08/01	77.1	3.5	0.00	0.0	0.0	0	0
08/02	77.6	0.0	0.00	0.0	0.0	0	0
08/03	70.5	6.5	0.00	0.0	0.0	0	0
08/04	71.5	8.8	0.00	0.0	0.0	0	0
08/05	70.8	5.3	0.00	0.0	0.0	0	0
08/06	74.2	2.0	0.00	0.0	0.0	0	0
08/07	72.1	24.0	1.10	22.5	72.1	121 High	166 High
08/08	76.3	16.5	0.56	39.0	72.1	266 High	294 High
08/09	71.9	13.8	0.08	20.0	69.9	112 High	152 High
08/10	75.3	11.0	0.22	13.0	70.9	58 Moderate	96 High
08/11	71.9	7.0	0.00	0.0	0.0	0	0
08/12	72.2	1.8	0.00	0.0	0.0	0	0
08/13	72.8	6.8	0.00	0.0	0.0	0	0
08/14	70.5	22.3	0.01	9.0	69.5	36 Moderate	66 Moderate
08/15	67.2	24.0	2.09	33.0	67.9	244 High	259 High
08/16	62.6	6.8	0.00	39.8	66.6	326 High	315 High

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