

Newport 2011 Black Rot - Grape From 2011-06-01 To 2011-06-24

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
06/01	70.8	58.5	12.5	1.48	Infection Risk
06/02	80.7	54.4	5.5	0.86	
06/03	73.4	48.8	1.0	0.05	
06/04	74.3	44.9	2.3	0.15	
06/05	68.0	42.2	0.3	0.01	
06/06	79.4	52.1	3.5	0.19	
06/07	87.5	54.1	3.5	0.27	
06/08	91.7	61.9	1.5	0.23	
06/09	88.9	64.5	8.5	0.90	
06/10	86.0	60.9	7.3	2.01	Infection Risk
06/11	65.1	53.9	11.8	0.99	
06/12	62.7	54.4	12.8	1.98	Infection Risk
06/13	74.6	52.0	0.3	0.02	
06/14	65.3	51.6	0.3	0.03	
06/15	75.2	51.9	1.0	0.06	
06/16	79.5	50.5	1.8	0.15	
06/17	69.5	61.7	12.8	1.82	Infection Risk
06/18	77.7	62.2	8.8	3.01	Infection Risk
06/19	82.8	54.7		0.00	
06/20	82.6	52.2	5.5	0.37	
06/21	82.7	56.2	5.5	0.59	
06/22	71.6	61.6	19.8	3.69	Infection Risk
06/23	67.9	59.7	17.8	6.11	Infection Risk
06/24	59.7	59.3	4.0	6.52	Infection Risk

Newport 2011 Downy Mildew - Grape From 2011-06-01 To 2011-06-24

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
06/01	70.8	0.0	0.02	12.5	12.0	2.3	1	Primary Infection
06/02	80.7	>min		5.5	4.5	0.0	1	Possible Infection
06/03	73.4	>min		1.0	0.0	0.0	0	
06/04	74.3	>min		2.5	0.0	0.0	0	
06/05	68.0	>min		5.5	4.8	0.0	1	Possible Infection
06/06	79.4	>min		3.5	3.0	0.0	1	Possible Infection
06/07	87.5	>min		3.5	2.3	0.0	1	Possible Infection
06/08	91.7	>min		1.5	0.0	0.0	0	
06/09	88.9	>min	0.55	8.5	5.3	2.3	3	High Risk of Infection
06/10	86.0	>min		7.3	7.3	1.0	3	High Risk of Infection
06/11	65.1	>min	0.21	11.8	1.8	0.0	1	Possible Infection
06/12	62.7	>min	0.86	12.8	13.0	0.0	1	Possible Infection
06/13	74.6	>min		0.3	2.0	0.0	1	Possible Infection
06/14	65.3	>min	0.01	0.3	0.8	0.0	1	Possible Infection
06/15	75.2	>min		1.0	0.3	0.0	0	
06/16	79.5	>min		1.8	1.5	0.0	1	Possible Infection
06/17	69.5	>min	0.69	12.8	10.3	0.3	1	Possible Infection
06/18	77.7	>min	0.01	8.8	8.3	0.0	1	Possible Infection
06/19	82.8	>min			1.8	0.0	1	Possible Infection
06/20	82.6	>min		5.5	4.8	0.0	1	Possible Infection
06/21	82.7	>min		5.5	5.5	1.8	3	High Risk of Infection
06/22	71.6	>min	0.98	19.8	16.5	8.0	3	High Risk of Infection
06/23	67.9	>min	0.43	17.8	19.0	6.3	3	High Risk of Infection
06/24	59.7	>min		4.0	4.0	0.0	1	Possible Infection

Newport 2011 Powdery Mildew - Grape From 2011-06-01 To 2011-06-24

Date	Temperature High	Temperature Mean	Mildew Hours 70-85	Mildew Hours >95	Wet Hours	Ascospore Infection	Conidial Index
06/01	70.8	65.3	1.3	0.0	11.0		
06/02	80.7	66.5	9.0	0.0	5.3		
06/03	73.4	59.8	2.8	0.0	0.8		
06/04	74.3	59.3	5.3	0.0	1.8		
06/05	68.0	56.2	0.0	0.0	5.5		
06/06	79.4	65.1	10.0	0.0	3.5		
06/07	87.5	70.6	10.8	0.0	3.5		
06/08	91.7	77.5	10.3	0.0	0.8		60 Heavy
06/09	88.9	73.2	10.0	0.0	7.5		80 Heavy
06/10	86.0	69.7	4.8	0.0	7.3	Heavy	70 Heavy
06/11	65.1	58.9	0.0	0.0	11.5		60 Heavy
06/12	62.7	57.4	0.0	0.0	12.8	Heavy	50 Medium
06/13	74.6	59.2	0.8	0.0	0.3		40 Medium
06/14	65.3	57.6	0.0	0.0	0.3		30 Light
06/15	75.2	62.8	8.0	0.0	1.0		50 Medium
06/16	79.5	68.0	11.8	0.0	1.8		70 Heavy
06/17	69.5	64.7	0.0	0.0	12.8	Heavy	60 Heavy
06/18	77.7	69.3	10.8	0.0	8.8	Heavy	80 Heavy
06/19	82.8	69.1	10.8	0.0	0.0		100 Heavy
06/20	82.6	66.8	10.0	0.0	5.0		100 Heavy
06/21	82.7	69.1	11.8	0.0	5.5		100 Heavy
06/22	71.6	66.9	4.3	0.0	19.5	Heavy	90 Heavy
06/23	67.9	64.2	0.0	0.0	17.8	Heavy	80 Heavy
06/24	59.7	59.5	0.0	0.0	4.0	Heavy	70 Heavy

Newport 2011 Phomopsis Cane+Leaf Spot - Grape From 2011-06-01 To 2011-06-24

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+ Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
06/01	65.3	16.8	0.02	3.8	66.1	11 Light	27 Light
06/02	66.5	6.0	0.00	0.0	0.0	0	0
06/03	59.8	1.3	0.00	0.0	0.0	0	0
06/04	59.3	4.0	0.00	0.0	0.0	0	0
06/05	56.2	6.0	0.00	0.0	0.0	0	0
06/06	65.1	4.3	0.00	0.0	0.0	0	0
06/07	70.6	4.3	0.00	0.0	0.0	0	0
06/08	77.5	2.8	0.00	0.0	0.0	0	0
06/09	73.2	9.5	0.55	9.5	66.2	42 Moderate	71 Moderate
06/10	69.7	7.8	0.00	13.5	65.7	71 Moderate	102 High
06/11	58.9	12.0	0.21	15.5	57.8	77 Moderate	96 High
06/12	57.4	13.5	0.86	24.5	56.8	141 High	147 High
06/13	59.2	0.3	0.00	0.0	0.0	0	0
06/14	57.6	2.0	0.01	0.3	54.7	0 Light	1 Light
06/15	62.8	1.5	0.00	0.0	0.0	0	0
06/16	68.0	1.8	0.00	0.0	0.0	0	0
06/17	64.7	14.3	0.69	19.3	64.4	118 High	146 High
06/18	69.3	9.0	0.01	20.8	63.8	132 High	156 High
06/19	69.1	0.3	0.00	0.0	0.0	0	0
06/20	66.8	5.5	0.00	0.0	0.0	0	0
06/21	69.1	6.3	0.00	0.0	0.0	0	0
06/22	66.9	20.3	0.98	6.3	66.4	23 Light	46 Moderate
06/23	64.2	18.8	0.43	24.8	64.3	169 High	189 High
06/24	59.5	4.0	0.00	13.5	60.4	69 Moderate	92 High