

Newport, RI Black Rot Infection in Grapes From 2009-06-01 To 2009-06-11

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
06/01	61.1	56.4	0.00		
06/02	59.8	57.5	11.0	1.04	Infection Risk
06/03	62.5	58.1	14.0	1.66	Infection Risk
06/04	61.5	58.9	13.5	1.98	Infection Risk
06/05	60.2	58.0	23.3	2.57	Infection Risk
06/06	60.2	57.3	13.5	3.31	Infection Risk
06/07	63.9	58.6	8.5	1.25	Infection Risk
06/08	63.3	60.9	10.5	0.83	
06/09	61.4	58.4	24.0	3.04	Infection Risk
06/10	60.0	58.2	11.5	4.09	Infection Risk

Newport, RI Downy Mildew Infection predictions in Grapes From 2009-06-01 To 2009-06-11

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
06/01	61.1	>min			0.0	0.0	0	
06/02	59.8	>min		11.0	0.0	0.0	0	
06/03	62.5	>min	0.01	14.0	2.8	0.0	1	Possible Infection
06/04	61.5	>min	0.27	13.5	8.5	0.0	1	Possible Infection
06/05	60.2	>min	0.65	23.3	17.3	0.0	1	Possible Infection
06/06	60.2	>min	0.07	13.5	15.0	0.0	1	Possible Infection
06/07	63.9	>min	0.01	8.5	7.8	0.0	1	Possible Infection
06/08	63.3	>min		10.5	1.5	0.0	1	Possible Infection
06/09	61.4	>min	0.31	24.0	8.0	0.0	1	Possible Infection
06/10	60.0	>min	0.01	11.5	12.3	0.0	1	Possible Infection

Newport, RI Powdery Mildew Infection Predictions in Grapes From 2009-06-01 To 2009-06-11

Date	High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
06/01	61.1	59.0	0.0	0.0	0.0		
06/02	59.8	58.6	0.0	0.0	10.8		
06/03	62.5	60.1	0.0	0.0	13.8	Heavy	
06/04	61.5	60.1	0.0	0.0	13.5	Heavy	
06/05	60.2	58.8	0.0	0.0	23.3	Heavy	
06/06	60.2	58.5	0.0	0.0	13.3	Heavy	
06/07	63.9	61.1	0.0	0.0	8.5		
06/08	63.3	61.9	0.0	0.0	10.3		
06/09	61.4	59.5	0.0	0.0	23.8	Heavy	
06/10	60.0	58.9	0.0	0.0	9.8	Heavy	
06/11	60.5	59.5	0.0	0.0	8.8		

Newport, RI Phomopsis Disease Intensity in Grapes From 2009-06-01 To 2009-06-11

Date	Temp Mean	Wet Hours	Rain- Fall	Wet+ Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
06/01	59.0	0.0	0.00	0.0	0.0	0	0
06/02	58.6	12.3	0.00	0.0	0.0	0	0
06/03	60.1	14.3	0.01	3.3	61.0	9 Light	21 Light
06/04	60.1	15.0	0.27	14.3	59.9	73 Moderate	96 High
06/05	58.8	23.5	0.65	12.5	58.6	58 Moderate	80 Moderate
06/06	58.5	16.0	0.07	22.0	58.2	129 High	141 High
06/07	61.1	9.8	0.01	0.3	62.3	0 Light	2 Light
06/08	61.9	11.5	0.00	6.5	61.8	25 Light	45 Moderate
06/09	59.5	24.0	0.31	14.3	58.8	71 Moderate	92 High
06/10	58.9	20.3	0.01	28.3	58.6	187 High	186 High
06/11	59.5	15.5	0.00	0.0	0.0	0	0