

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

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
06/01	86.7	64.0	4.0	0.65	
06/02	73.7	55.8	7.3	1.36	Infection Risk
06/03	74.9	48.7		0.00	
06/04	79.6	45.2	1.8	0.06	
06/05	73.4	47.3	5.5	0.29	
06/06	84.4	56.5	2.0	0.17	
06/07	90.8	58.1	7.3	0.77	
06/08	93.8	64.3	5.5	0.87	
06/09	91.7	63.9	12.8	1.23	Infection Risk
06/10	83.9	64.5	7.5	2.41	Infection Risk
06/11	67.8	56.1	16.3	1.64	Infection Risk
06/12	63.9	53.7	9.8	2.29	Infection Risk
06/13	75.9	57.2	5.3	0.45	
06/14	65.1	54.6	13.8	1.14	Infection Risk
06/15	82.8	51.3	10.8	1.54	Infection Risk
06/16	85.2	55.5	7.3	1.13	Infection Risk
06/17	74.8	62.1	13.5	1.96	Infection Risk
06/18	84.1	61.8	9.0	2.92	Infection Risk
06/19	82.1	58.4	9.0	1.15	Infection Risk
06/20	84.1	51.9	8.8	0.64	
06/21	87.7	56.7	7.3	0.86	
06/22	69.4	66.1	24.0	4.11	Infection Risk
06/23	68.5	62.9	24.0	7.88	Infection Risk
06/24	62.6	61.5	4.0	8.37	Infection Risk

Windsor 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	86.7	0.0	0.28	4.0	3.3	3.3	1	Primary Infection
06/02	73.7	>min		7.3	6.0	0.0	1	Possible Infection
06/03	74.9	>min			0.0	0.0	0	
06/04	79.6	>min		5.5	0.3	0.0	0	
06/05	73.4	>min		6.8	5.3	0.0	1	Possible Infection
06/06	84.4	>min		2.0	0.8	0.0	1	Possible Infection
06/07	90.8	>min		7.3	4.8	0.0	1	Possible Infection
06/08	93.8	>min		5.5	1.5	0.0	1	Possible Infection
06/09	91.7	>min	0.90	12.8	8.8	7.0	3	High Risk of Infection
06/10	83.9	>min	0.03	7.5	7.3	2.3	3	High Risk of Infection
06/11	67.8	>min	0.79	16.3	15.0	0.0	1	Possible Infection
06/12	63.9	>min	0.36	9.8	9.8	0.0	1	Possible Infection
06/13	75.9	>min		5.3	4.8	0.0	1	Possible Infection
06/14	65.1	>min	0.72	13.8	10.3	0.0	1	Possible Infection
06/15	82.8	>min	0.02	10.8	7.3	0.0	1	Possible Infection
06/16	85.2	>min		7.3	7.5	0.0	1	Possible Infection
06/17	74.8	>min	0.59	13.5	10.5	1.8	3	High Risk of Infection
06/18	84.1	>min		9.0	7.8	0.3	1	Possible Infection
06/19	82.1	>min		9.0	6.5	0.0	1	Possible Infection
06/20	84.1	>min		8.8	3.5	0.0	1	Possible Infection
06/21	87.7	>min		7.3	3.5	0.0	1	Possible Infection
06/22	69.4	>min	0.63	24.0	23.5	23.5	3	High Risk of Infection
06/23	68.5	>min	0.61	24.0	22.0	11.5	3	High Risk of Infection
06/24	62.6	>min	0.01	4.0	4.0	0.0	1	Possible Infection

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

Date	Temperature		Hours	Hours	Wet	Ascospore	Conidial
	High	Mean	70-85	>95	Hours	Infection	Index
06/01	86.7	73.8	13.3	0.0	3.8		
06/02	73.7	63.3	4.3	0.0	7.3		
06/03	74.9	62.1	6.3	0.0	0.0		
06/04	79.6	62.4	8.5	0.0	5.3		
06/05	73.4	61.2	5.0	0.0	6.8		
06/06	84.4	70.0	11.3	0.0	2.0		
06/07	90.8	75.6	5.0	0.0	7.3		
06/08	93.8	79.8	6.0	0.0	5.3		
06/09	91.7	73.2	5.8	0.0	12.8		
06/10	83.9	73.5	14.5	0.0	7.5	Heavy	
06/11	67.8	60.7	0.0	0.0	16.3	Heavy	
06/12	63.9	58.4	0.0	0.0	9.5	Heavy	
06/13	75.9	65.4	8.3	0.0	4.8		
06/14	65.1	58.9	0.0	0.0	12.3		
06/15	82.8	65.9	9.5	0.0	10.8		
06/16	85.2	71.2	12.3	0.0	7.3		
06/17	74.8	66.6	3.5	0.0	13.3	Heavy	
06/18	84.1	72.5	13.5	0.0	9.0	Heavy	
06/19	82.1	69.2	11.0	0.0	9.0		
06/20	84.1	67.5	10.0	0.0	8.8		60 Heavy
06/21	87.7	71.8	12.3	0.0	7.0		80 Heavy
06/22	69.4	67.6	0.0	0.0	24.0	Heavy	70 Heavy
06/23	68.5	65.9	0.0	0.0	24.0	Heavy	60 Heavy
06/24	62.6	62.0	0.0	0.0	4.0	Heavy	50 Medium

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

Date	Temp	Wet	Rain-	Wet+	Wet	Disease Intensity	
	Mean	Hours	Fall	Rain	Temp	Catawba	Seyval
06/01	73.8	4.8	0.28	3.8	70.3	10 Light	27 Light
06/02	63.3	7.3	0.00	11.0	62.8	53 Moderate	79 Moderate
06/03	62.1	0.3	0.00	0.0	0.0	0	0
06/04	62.4	5.8	0.00	0.0	0.0	0	0
06/05	61.2	7.0	0.00	0.0	0.0	0	0
06/06	70.0	2.5	0.00	0.0	0.0	0	0
06/07	75.6	7.3	0.00	0.0	0.0	0	0
06/08	79.8	5.8	0.00	0.0	0.0	0	0
06/09	73.2	13.0	0.90	8.5	66.8	36 Moderate	63 Moderate
06/10	73.5	8.0	0.03	30.3	66.5	221 High	237 High
06/11	60.7	16.8	0.79	16.3	59.3	87 Moderate	108 High
06/12	58.4	13.3	0.36	16.8	56.0	79 Moderate	95 High
06/13	65.4	6.8	0.00	0.0	0.0	0	0
06/14	58.9	16.5	0.72	11.0	57.3	46 Moderate	66 Moderate
06/15	65.9	11.5	0.02	1.5	61.1	3 Light	10 Light
06/16	71.2	8.0	0.00	9.5	58.8	40 Moderate	60 Moderate
06/17	66.6	14.3	0.59	20.8	65.0	131 High	158 High
06/18	72.5	9.8	0.00	21.3	63.8	136 High	160 High
06/19	69.2	9.5	0.00	0.0	0.0	0	0
06/20	67.5	9.3	0.00	0.0	0.0	0	0
06/21	71.8	8.0	0.00	0.0	0.0	0	0
06/22	67.6	24.0	0.63	14.0	67.5	72 Moderate	106 High
06/23	65.9	24.0	0.61	38.0	66.5	307 High	300 High
06/24	62.0	4.0	0.01	42.5	66.0	362 High	337 High