

Windsor Black Rot - Grape From 2012-08-28 To 2012-09-11

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
08/28	86.3	67.8	11.0	1.71	Infection Risk
08/29	79.4	54.9	4.3	0.44	
08/30	82.1	50.0	8.5	0.61	
08/31	90.3	56.6	7.3	0.71	
09/01	89.4	64.9	10.3	1.68	Infection Risk
09/02	85.0	61.7	14.5	3.01	Infection Risk
09/03	80.5	57.3	8.3	1.65	Infection Risk
09/04	76.5	64.9	12.3	1.98	Infection Risk
09/05	86.0	68.3	11.0	3.56	Infection Risk
09/06	83.8	64.3	11.0	1.47	Infection Risk
09/07	89.2	66.3	11.8	2.08	Infection Risk
09/08	81.6	62.8	12.8	1.82	Infection Risk
09/09	78.1	58.9	9.3	1.73	Infection Risk
09/10	70.6	52.0	6.5	0.63	
09/11	65.1	44.2	0.8	0.03	

Windsor Botrytis - Grape From 2012-08-28 To 2012-09-11

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
08/28	86.3	67.8	11.0	10.0	0.06	Low Infection Risk
08/29	79.4	54.9	4.3		0.00	
08/30	82.1	50.0	8.5	7.3	0.00	
08/31	90.3	56.6	7.3	2.8	0.00	
09/01	89.4	64.9	10.3	2.5	0.00	
09/02	85.0	61.7	14.5	10.0	0.89	Moderate Infection Risk
09/03	80.5	57.3	8.3	8.3	0.00	
09/04	76.5	64.9	12.3	11.5	0.40	Low Infection Risk
09/05	86.0	68.3	11.0	10.5	0.07	Low Infection Risk
09/06	83.8	64.3	11.0	10.3	0.18	Low Infection Risk
09/07	89.2	66.3	11.8	11.3	0.48	Low Infection Risk
09/08	81.6	62.8	12.8	12.5	0.50	Low Infection Risk
09/09	78.1	58.9	9.3	8.0	0.00	
09/10	70.6	52.0	6.5	0.8	0.00	
09/11	65.1	44.2	4.8	2.0	0.00	

Windsor Downy Mildew - Grape From 2012-08-28 To 2012-09-11

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
08/28	86.3	0.0	0.38	11.0	9.8	9.8	1	Primary Infection
08/29	79.4	>min		4.3	0.0	0.0	0	
08/30	82.1	>min		8.5	6.8	0.0	1	Possible Infection
08/31	90.3	>min		7.3	1.3	0.0	1	Possible Infection
09/01	89.4	>min	0.07	10.3	2.5	1.3	3	High Risk of Infection
09/02	85.0	>min		14.5	9.0	0.0	1	Possible Infection
09/03	80.5	>min		8.3	7.8	0.0	1	Possible Infection
09/04	76.5	>min	0.03	12.3	10.8	7.3	3	High Risk of Infection
09/05	86.0	>min	0.72	11.0	9.5	9.3	3	High Risk of Infection
09/06	83.8	>min		11.0	9.0	6.8	3	High Risk of Infection
09/07	89.2	>min		11.8	11.0	11.0	3	High Risk of Infection
09/08	81.6	>min	0.62	12.8	12.3	8.8	3	High Risk of Infection
09/09	78.1	>min	0.03	9.3	7.8	0.0	1	Possible Infection
09/10	70.6	>min		6.5	0.0	0.0	0	
09/11	65.1	>min		4.8	1.8	0.0	1	Possible Infection

Windsor Powdery Mildew - Grape From 2012-08-28 To 2012-09-11

Date	Temperature High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
08/28	86.3	76.1	14.8	0.0	10.3		
08/29	79.4	67.5	8.0	0.0	3.8		
08/30	82.1	66.1	9.8	0.0	8.5		60 Heavy
08/31	90.3	74.1	5.3	0.0	7.0		50 Medium
09/01	89.4	76.2	9.5	0.0	9.5		70 Heavy
09/02	85.0	70.8	10.0	0.0	14.3	Heavy	90 Heavy
09/03	80.5	68.0	10.0	0.0	8.3	Heavy	100 Heavy
09/04	76.5	71.1	14.5	0.0	11.3		100 Heavy
09/05	86.0	75.7	16.5	0.0	10.3	Heavy	100 Heavy
09/06	83.8	71.9	12.5	0.0	10.8		100 Heavy
09/07	89.2	75.4	9.8	0.0	11.5		100 Heavy
09/08	81.6	73.5	18.8	0.0	12.5		100 Heavy
09/09	78.1	66.7	7.3	0.0	9.0	Heavy	100 Heavy
09/10	70.6	61.6	0.3	0.0	6.5		90 Heavy
09/11	65.1	51.3	0.0	0.0	4.5		80 Heavy

Windsor Phomopsis Cane+Leaf Spot - Grape From 2012-08-28 To 2012-09-11

Date	Temp Mean	Wet Hours	Rain- Fall	Wet+ Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
08/28	76.1	12.3	0.38	4.5	72.8	12 Light	31 Moderate
08/29	67.5	6.8	0.00	0.0	0.0	0	0
08/30	66.1	9.5	0.00	0.0	0.0	0	0
08/31	74.1	8.3	0.00	0.0	0.0	0	0
09/01	76.2	12.5	0.07	3.5	66.9	10 Light	25 Light
09/02	70.8	14.5	0.00	12.8	64.9	65 Moderate	95 High
09/03	68.0	8.5	0.00	0.0	0.0	0	0
09/04	71.1	13.8	0.03	3.0	65.7	8 Light	21 Light
09/05	75.7	13.0	0.72	17.0	74.5	71 Moderate	116 High
09/06	71.9	12.0	0.00	0.0	0.0	0	0
09/07	75.4	12.0	0.00	0.0	0.0	0	0
09/08	73.5	13.5	0.62	5.3	65.9	18 Light	38 Moderate
09/09	66.7	9.8	0.03	14.0	62.5	75 Moderate	101 High
09/10	61.6	7.5	0.00	0.0	0.0	0	0
09/11	51.3	5.3	0.00	0.0	0.0	0	0

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