

Newport_Ri sk_6_5_2009.txt

Newport, RI Black Rot - Grape From 2009-05-24 To 2009-06-05

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
05/24	70.9	52.8	15.3	1.39	Infection Risk
05/25	77.3	55.5	6.5	2.17	Infection Risk
05/26	58.2	47.3		0.00	
05/27	57.3	48.1	14.3	0.79	
05/28	61.0	49.4	17.3	1.77	Infection Risk
05/29	64.9	50.6	18.0	3.02	Infection Risk
05/30	80.3	55.7	9.3	3.76	Infection Risk
05/31	68.8	48.8	7.3	0.35	
06/01	62.1	42.0		0.00	
06/02	74.8	53.9	11.0	1.14	Infection Risk
06/03	75.3	55.8	14.0	1.71	Infection Risk
06/04	65.8	53.4	13.5	1.47	Infection Risk
06/05	57.7	51.9	8.5	0.76	

Newport, RI Botrytis - Grape From 2009-05-24 To 2009-06-05

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
05/24	70.9	52.8	15.3	13.8	1.28	High Infection Risk
05/25	77.3	55.5	6.5	4.3	0.00	
05/26	58.2	47.3			0.00	
05/27	57.3	48.1	14.3	7.5	0.00	
05/28	61.0	49.4	17.3	8.0	1.15	High Infection Risk
05/29	64.9	50.6	18.0	21.0	1.66	High Infection Risk
05/30	80.3	55.7	9.3	9.0	0.00	
05/31	68.8	48.8	7.3	1.0	0.00	
06/01	62.1	42.0			0.00	
06/02	74.8	53.9	11.0		0.00	
06/03	75.3	55.8	14.0	5.8	0.18	Low Infection Risk
06/04	65.8	53.4	13.5	10.3	0.00	
06/05	57.7	51.9	8.5	8.5	0.00	

Newport, RI Downy Mildew - Grape From 2009-05-24 To 2009-06-05

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
05/24	70.9	0.0	0.02	15.3	12.3	0.0	1	Primary Infection
05/25	77.3	>min		6.5	4.0	0.0	1	Possible Infection
05/26	58.2	>min			0.0	0.0	0	
05/27	57.3	>min	0.01	14.3	5.8	0.0	1	Possible Infection
05/28	61.0	>min		17.3	7.0	0.0	1	Possible Infection
05/29	64.9	>min	0.24	18.0	19.3	0.0	1	Possible Infection
05/30	80.3	>min		9.3	9.0	0.0	1	Possible Infection
05/31	68.8	>min		7.3	0.0	0.0	0	
06/01	62.1	>min			0.0	0.0	0	
06/02	74.8	>min		11.0	0.0	0.0	0	
06/03	75.3	>min	0.01	14.0	2.8	0.0	1	Possible Infection
06/04	65.8	>min	0.27	13.5	8.5	0.0	1	Possible Infection
06/05	57.7	>min		8.5	8.3	0.0	1	Possible Infection

Newport, RI Powdery Mildew - Grape From 2009-05-24 To 2009-06-05

Date	Temperature High	Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
05/24	70.9	60.5	0.8	0.0	14.5	Heavy	

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05/25	77.3	66.1	6.5	0.0	6.3	Heavy
05/26	58.2	52.6	0.0	0.0	0.0	
05/27	57.3	52.9	0.0	0.0	13.5	
05/28	61.0	53.9	0.0	0.0	16.5	Heavy
05/29	64.9	56.3	0.0	0.0	17.3	Heavy
05/30	80.3	64.9	8.5	0.0	9.3	Heavy
05/31	68.8	60.0	0.0	0.0	7.0	
06/01	62.1	54.0	0.0	0.0	0.0	
06/02	74.8	61.6	2.0	0.0	10.8	
06/03	75.3	61.7	2.8	0.0	13.8	Heavy
06/04	65.8	57.9	0.0	0.0	13.5	Heavy
06/05	57.7	54.4	0.0	0.0	8.5	

Leaf Wetness Sensor Parameters:

Base Temperature 0.0
 Upper Temperature 100.0
 Wetness Threshold 6.0

Newport, RI Phomopsis Cane+Leaf Spot - Grape From 2009-05-24 To 2009-06-05

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Di sease Catawba	Intensi ty Seyval
05/24	60.5	16.5	0.02	1.3	59.9	2 Light	8 Light
05/25	66.1	6.5	0.00	0.0	0.0	0	0
05/26	52.6	0.0	0.00	0.0	0.0	0	0
05/27	52.9	16.3	0.01	3.5	49.8	5 Light	10 Light
05/28	53.9	21.5	0.00	0.0	0.0	0	0
05/29	56.3	19.5	0.24	5.0	57.8	15 Light	30 Light
05/30	64.9	9.8	0.00	0.0	0.0	0	0
05/31	60.0	8.5	0.00	0.0	0.0	0	0
06/01	54.0	0.0	0.00	0.0	0.0	0	0
06/02	61.6	12.3	0.00	0.0	0.0	0	0
06/03	61.7	14.3	0.01	3.3	57.2	8 Light	18 Light
06/04	57.9	15.0	0.27	14.3	55.8	62 Moderate	79 Moderate
06/05	54.4	8.5	0.00	0.0	0.0	0	0

Leaf Wetness Sensor Parameters:

Base Temperature 41.0
 Upper Temperature 95.9
 Wetness Threshold 3.0

Wet+Rain is the number of rain-initiated leaf wetness hours
 Wet Temp is the mean temperature during the rain-initiated wetness period
 Di sease Intensi ty projects the estimated lesions per leaf