

Newport RI Black Rot - Grape From 2011-08-22 To 2011-09-13

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
08/22	81.0	59.3	7.5	1.30	Infection Risk
08/23	82.4	57.7		0.00	
08/24	78.5	62.3	2.3	0.32	
08/25	79.7	68.1	13.3	1.34	Infection Risk
08/26	90.5	68.5	10.3	2.65	Infection Risk
08/27	75.7	67.6	24.0	4.53	Infection Risk
08/28	74.5	65.8	24.0	8.57	Infection Risk
08/29	80.3	57.0	13.3	9.61	Infection Risk
08/30	84.9	57.8	10.8	1.43	Infection Risk
08/31	88.8	57.0	13.0	1.24	Infection Risk
09/01	77.7	59.0	14.0	2.09	Infection Risk
09/02	80.4	55.8	13.3	1.45	Infection Risk
09/03	76.3	55.4	11.8	1.55	Infection Risk
09/04	79.1	67.3	14.3	2.17	Infection Risk
09/05	79.6	66.8	20.0	4.10	Infection Risk
09/06	71.5	57.4	24.0	7.01	Infection Risk
09/07	67.2	57.8	24.0	10.01	Infection Risk
09/08	73.6	59.2	16.3	11.82	Infection Risk
09/09	81.9	58.8	12.8	12.67	Infection Risk
09/10	82.0	54.0	0.8	0.72	
09/11	69.0	50.1	6.0	0.29	
09/12	80.4	61.3	9.0	1.04	Infection Risk
09/13	82.3	64.0	7.5	1.49	Infection Risk

Newport RI Botrytis - Grape From 2011-08-22 To 2011-09-13

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
08/22	81.0	59.3	7.5	7.5	0.00	
08/23	82.4	57.7			0.00	
08/24	78.5	62.3	2.3	1.8	0.00	
08/25	79.7	68.1	13.3	10.5	0.62	Moderate Infection Risk
08/26	90.5	68.5	10.3	6.8	0.00	
08/27	75.7	67.6	24.0	23.0	3.21	High Infection Risk
08/28	74.5	65.8	24.0	14.0	3.30	High Infection Risk
08/29	80.3	57.0	13.3	2.0	0.41	Low Infection Risk
08/30	84.9	57.8	10.8	4.3	0.00	
08/31	88.8	57.0	13.0	8.8	0.28	Low Infection Risk
09/01	77.7	59.0	14.0	7.5	0.66	Moderate Infection Risk
09/02	80.4	55.8	13.3	7.3	0.10	Low Infection Risk
09/03	76.3	55.4	11.8	6.8	0.06	Low Infection Risk
09/04	79.1	67.3	14.3		0.95	Moderate Infection Risk
09/05	79.6	66.8	20.0	10.3	2.27	High Infection Risk
09/06	71.5	57.4	24.0	24.0	2.70	High Infection Risk
09/07	67.2	57.8	24.0	24.0	2.87	High Infection Risk
09/08	73.6	59.2	16.3	22.0	2.19	High Infection Risk
09/09	81.9	58.8	12.8	14.0	0.45	Low Infection Risk
09/10	82.0	54.0	0.8	2.5	0.00	
09/11	69.0	50.1	6.0	7.3	0.00	
09/12	80.4	61.3	9.0	10.8	0.00	
09/13	82.3	64.0	7.5	8.3	0.00	

Newport RI Downy Mildew - Grape From 2011-08-22 To 2011-09-13

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
08/22	81.0	0.0	0.05	7.5	7.5	7.5	1	Primary Infection
08/23	82.4	>min			0.0	0.0	0	
08/24	78.5	>min		2.3	0.8	0.0	1	Possible Infection
08/25	79.7	>min		13.3	5.5	5.5	3	High Risk of Infection
08/26	90.5	>min		10.3	5.3	5.3	3	High Risk of Infection
08/27	75.7	>min	0.11	24.0	22.8	22.8	3	High Risk of Infection
08/28	74.5	>min	0.79	24.0	11.8	11.8	3	High Risk of Infection
08/29	80.3	>min		13.3	1.5	0.0	1	Possible Infection
08/30	84.9	>min		10.8	3.0	0.0	1	Possible Infection
08/31	88.8	>min		13.0	7.3	0.0	1	Possible Infection
09/01	77.7	>min		14.0	7.5	0.0	1	Possible Infection
09/02	80.4	>min		13.3	4.3	0.0	1	Possible Infection
09/03	76.3	>min		11.8	5.8	0.0	1	Possible Infection
09/04	79.1	>min		14.3	0.0	0.0	0	
09/05	79.6	>min		20.0	8.0	8.0	3	High Risk of Infection
09/06	71.5	>min	1.60	24.0	24.0	6.0	3	High Risk of Infection
09/07	67.2	>min	0.16	24.0	24.0	1.5	3	High Risk of Infection
09/08	73.6	>min	1.69	16.3	21.5	0.3	1	Possible Infection
09/09	81.9	>min		12.8	13.5	0.0	1	Possible Infection
09/10	82.0	>min		0.8	1.0	0.0	1	Possible Infection
09/11	69.0	>min		6.0	4.5	0.0	1	Possible Infection
09/12	80.4	>min		9.0	9.3	1.5	3	High Risk of Infection
09/13	82.3	>min		7.5	7.8	1.0	3	High Risk of Infection

Newport RI Powdery Mildew - Grape From 2011-08-22 To 2011-09-13

Date	Temperature High	Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
08/22	81.0	71.9	15.0	0.0	7.5		
08/23	82.4	68.9	10.0	0.0	0.0		
08/24	78.5	70.3	11.3	0.0	2.0		60 Heavy
08/25	79.7	73.3	17.3	0.0	13.0		80 Heavy
08/26	90.5	77.2	13.8	0.0	10.0	Heavy	100 Heavy
08/27	75.7	72.5	20.8	0.0	24.0	Heavy	100 Heavy
08/28	74.5	70.5	13.3	0.0	24.0	Heavy	100 Heavy
08/29	80.3	67.9	9.8	0.0	12.8	Heavy	100 Heavy
08/30	84.9	69.5	10.5	0.0	10.8		100 Heavy
08/31	88.8	71.4	4.8	0.0	12.8		90 Heavy
09/01	77.7	67.6	8.5	0.0	13.8	Heavy	100 Heavy
09/02	80.4	66.3	9.3	0.0	13.0	Heavy	100 Heavy
09/03	76.3	68.2	10.5	0.0	11.3		100 Heavy
09/04	79.1	70.9	10.5	0.0	14.3	Heavy	100 Heavy
09/05	79.6	72.3	16.5	0.0	19.5	Heavy	100 Heavy
09/06	71.5	62.4	6.0	0.0	24.0	Heavy	100 Heavy
09/07	67.2	62.1	0.0	0.0	24.0	Heavy	90 Heavy
09/08	73.6	62.0	1.3	0.0	15.3	Heavy	80 Heavy
09/09	81.9	67.1	8.5	0.0	12.5	Heavy	100 Heavy
09/10	82.0	67.9	10.3	0.0	0.8		100 Heavy
09/11	69.0	60.5	0.0	0.0	5.8		90 Heavy
09/12	80.4	69.5	9.0	0.0	8.3		100 Heavy
09/13	82.3	68.5	3.3	0.0	7.5		90 Heavy

Newport RI Phomopsis Cane+Leaf Spot - Grape From 2011-08-22 To 2011-09-13

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
08/22	71.9	7.8	0.05	6.3	70.5	21 Light	45 Moderate
08/23	68.9	0.0	0.00	0.0	0.0	0	0
08/24	70.3	2.3	0.00	0.0	0.0	0	0
08/25	73.3	14.3	0.00	0.0	0.0	0	0
08/26	77.2	11.3	0.00	0.0	0.0	0	0
08/27	72.5	24.0	0.11	13.8	74.1	54 Moderate	94 High
08/28	70.5	24.0	0.79	37.8	71.8	257 High	286 High
08/29	67.9	14.3	0.00	46.8	70.3	373 High	366 High
08/30	69.5	11.8	0.00	0.0	0.0	0	0
08/31	71.4	13.3	0.00	0.0	0.0	0	0
09/01	67.6	14.0	0.00	0.0	0.0	0	0
09/02	66.3	13.8	0.00	0.0	0.0	0	0
09/03	68.2	12.8	0.00	0.0	0.0	0	0
09/04	70.9	17.0	0.00	0.0	0.0	0	0
09/05	72.3	21.8	0.00	0.0	0.0	0	0
09/06	62.4	24.0	1.60	18.5	59.9	107 High	126 High
09/07	62.1	24.0	0.16	42.5	61.2	359 High	311 High
09/08	62.0	20.3	1.69	56.0	61.0	532 High	413 High
09/09	67.1	13.8	0.00	0.0	0.0	0	0
09/10	67.9	0.8	0.00	0.0	0.0	0	0
09/11	60.5	6.5	0.00	0.0	0.0	0	0
09/12	69.5	10.3	0.00	0.0	0.0	0	0
09/13	68.5	7.8	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