

New Preston 2011 Black Rot - Grape From 2011-05-05 To 2011-05-27

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
05/05	60.6	45.3		0.00	
05/06	66.8	42.0		0.00	
05/07	66.3	46.5	2.0	0.09	
05/08	68.0	49.0		0.00	
05/09	64.9	49.6		0.00	
05/10	70.6	46.4		0.00	
05/11	66.8	48.8		0.00	
05/12	73.4	48.5	0.3	0.01	
05/13	62.7	43.7	0.5	0.03	
05/14	61.8	52.6	1.8	0.12	
05/15	62.5	53.3	23.8	2.35	Infection Risk
05/16	61.2	48.6	14.8	3.18	Infection Risk
05/17	55.9	48.1	10.3	3.62	Infection Risk
05/18	62.0	52.3	19.0	5.07	Infection Risk
05/19	68.9	55.1	10.8	5.64	Infection Risk
05/20	70.7	51.3	13.5	1.02	Infection Risk
05/21	72.4	49.9	13.5	1.44	Infection Risk
05/22	59.7	50.1	8.3	2.05	Infection Risk
05/23	60.7	48.9	24.0	1.67	Infection Risk
05/24	76.2	60.7	13.5	2.79	Infection Risk
05/25	78.3	56.7		0.00	
05/26	78.2	56.0	6.0	0.35	
05/27	68.7	60.2	6.0	1.04	Infection Risk

New Preston 2011 Downy Mildew - Grape From 2011-05-05 To 2011-05-27

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
05/05	60.6				0.0	0.0	0	
05/06	66.8				0.0	0.0	0	
05/07	66.3	0.0	0.08	4.8	0.0	0.0	0	Primary Infection
05/08	68.0	>min			0.0	0.0	0	
05/09	64.9	>min			0.0	0.0	0	
05/10	70.6	>min			0.0	0.0	0	
05/11	66.8	>min			0.0	0.0	0	
05/12	73.4	>min		0.3	0.0	0.0	0	
05/13	62.7	>min		7.0	4.5	0.0	1	Possible Infection
05/14	61.8	>min	0.12	1.8	0.0	0.0	0	
05/15	62.5	>min	0.85	23.8	24.0	0.0	1	Possible Infection
05/16	61.2	>min		14.8	22.8	0.0	1	Possible Infection
05/17	55.9	>min	0.14	10.3	21.8	0.0	1	Possible Infection
05/18	62.0	>min	1.48	19.0	24.0	0.0	1	Possible Infection
05/19	68.9	>min	0.22	10.8	17.0	0.0	1	Possible Infection
05/20	70.7	>min	0.19	13.5	12.5	0.0	1	Possible Infection
05/21	72.4	>min	0.38	13.5	15.0	0.0	1	Possible Infection
05/22	59.7	>min		8.3	13.0	0.0	1	Possible Infection
05/23	60.7	>min	0.23	24.0	24.0	0.0	1	Possible Infection
05/24	76.2	>min	0.01	13.5	11.0	1.0	3	High Risk of Infection
05/25	78.3	>min			0.0	0.0	0	
05/26	78.2	>min		6.0	2.3	1.3	3	High Risk of Infection
05/27	68.7	>min		6.0	3.8	0.0	1	Possible Infection

New Preston 2011 Powdery Mildew - Grape From 2011-05-05 To 2011-05-27

Date	Temperature		Hours	Hours	Wet	Ascospore	Conidial
	High	Mean	70-85	>95	Hours	Infection	Index
05/05	60.6	53.9	0.0	0.0	0.0		
05/06	66.8	53.9	0.0	0.0	0.0		
05/07	66.3	54.4	0.0	0.0	4.8		
05/08	68.0	57.8	0.0	0.0	0.0		
05/09	64.9	56.9	0.0	0.0	0.0		
05/10	70.6	58.5	0.3	0.0	0.0		
05/11	66.8	56.2	0.0	0.0	0.0		
05/12	73.4	59.8	5.0	0.0	0.3		
05/13	62.7	55.4	0.0	0.0	7.0		
05/14	61.8	56.7	0.0	0.0	1.8		
05/15	62.5	58.2	0.0	0.0	22.5	Heavy	
05/16	61.2	52.3	0.0	0.0	14.3	Heavy	
05/17	55.9	51.6	0.0	0.0	10.0	Heavy	
05/18	62.0	56.5	0.0	0.0	18.5	Heavy	
05/19	68.9	60.4	0.0	0.0	10.5	Heavy	
05/20	70.7	59.9	0.3	0.0	12.8		
05/21	72.4	59.4	1.5	0.0	13.3	Heavy	
05/22	59.7	55.2	0.0	0.0	8.3	Heavy	
05/23	60.7	54.4	0.0	0.0	23.8	Heavy	
05/24	76.2	66.4	8.3	0.0	13.5	Heavy	
05/25	78.3	67.9	9.8	0.0	0.0		
05/26	78.2	67.5	9.8	0.0	6.0		60 Heavy
05/27	68.7	63.1	0.0	0.0	5.8		50 Medium

New Preston 2011 Phomopsis Cane+Leaf Spot - Grape From 2011-05-05 To 2011-05-27

Date	Temp Mean	Wet Hours	Rain- Fall	Wet+ Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
05/05	53.9	0.0	0.00	0.0	0.0	0	0
05/06	53.9	0.0	0.00	0.0	0.0	0	0
05/07	54.4	4.8	0.08	0.8	51.4	1 Light	3 Light
05/08	57.8	0.0	0.00	0.0	0.0	0	0
05/09	56.9	0.0	0.00	0.0	0.0	0	0
05/10	58.5	0.0	0.00	0.0	0.0	0	0
05/11	56.2	0.0	0.00	0.0	0.0	0	0
05/12	59.8	0.5	0.00	0.0	0.0	0	0
05/13	55.4	7.5	0.00	0.0	0.0	0	0
05/14	56.7	2.0	0.12	0.5	54.1	0 Light	2 Light
05/15	58.2	24.0	0.85	24.5	58.1	150 High	157 High
05/16	52.3	18.0	0.00	33.0	56.9	218 High	202 High
05/17	51.6	13.0	0.14	2.5	49.9	3 Light	7 Light
05/18	56.5	21.0	1.48	17.0	56.0	80 Moderate	96 High
05/19	60.4	12.0	0.22	19.0	57.5	102 High	117 High
05/20	59.9	13.5	0.19	15.8	56.9	75 Moderate	93 High
05/21	59.4	15.3	0.38	19.0	55.2	90 Moderate	103 High
05/22	55.2	9.3	0.00	0.0	0.0	0	0
05/23	54.4	24.0	0.23	21.5	55.0	105 High	115 High
05/24	66.4	14.3	0.01	35.3	57.9	251 High	228 High
05/25	67.9	0.0	0.00	0.0	0.0	0	0
05/26	67.5	7.8	0.00	0.0	0.0	0	0
05/27	63.1	6.5	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