

Griswold Black Rot - Grape From 2012-09-01 To 2012-09-19

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
09/01	87.5	63.6	12.8	1.19	Infection Risk
09/02	81.0	59.3	12.8	1.74	Infection Risk
09/03	78.1	52.7	9.3	1.41	Infection Risk
09/04	77.2	63.1	22.5	3.77	Infection Risk
09/05	80.2	68.4	20.5	7.14	Infection Risk
09/06	79.3	63.1	14.3	8.53	Infection Risk
09/07	83.7	67.2	14.5	2.51	Infection Risk
09/08	79.0	63.2	11.0	2.29	Infection Risk
09/09	77.0	55.7	14.3	1.52	Infection Risk
09/10	71.2	47.0	8.8	1.05	Infection Risk
09/11	73.7	41.9	6.0	0.29	
09/12	78.8	43.7	5.3	0.42	
09/13	79.2	49.7	13.0	0.86	
09/14	79.6	50.9	13.3	0.99	
09/15	74.3	48.2	12.8	1.30	Infection Risk
09/16	73.4	42.2	4.5	0.23	
09/17	76.8	40.4	5.5	0.37	
09/18	73.7	49.6	14.8	1.95	Infection Risk
09/19	71.3	57.9	7.8	3.08	Infection Risk

Griswold Botrytis - Grape From 2012-09-01 To 2012-09-19

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
09/01	87.5	63.6	12.8	10.0	0.51	Moderate Infection Risk
09/02	81.0	59.3	12.8	9.5	0.32	Low Infection Risk
09/03	78.1	52.7	9.3	8.5	0.00	
09/04	77.2	63.1	22.5	14.8	2.80	High Infection Risk
09/05	80.2	68.4	20.5	19.3	2.26	High Infection Risk
09/06	79.3	63.1	14.3	13.5	0.97	Moderate Infection Risk
09/07	83.7	67.2	14.5	13.8	1.00	Moderate Infection Risk
09/08	79.0	63.2	11.0	10.3	0.08	Low Infection Risk
09/09	77.0	55.7	14.3	13.0	0.47	Low Infection Risk
09/10	71.2	47.0	9.3	8.5	0.00	
09/11	73.7	41.9	12.8	10.0	0.00	
09/12	78.8	43.7	12.5	12.0	0.00	
09/13	79.2	49.7	13.0	12.8	0.00	
09/14	79.6	50.9	13.3	13.3	0.00	
09/15	74.3	48.2	12.8	10.0	0.00	
09/16	73.4	42.2	13.5	12.3	0.00	
09/17	76.8	40.4	13.5	12.8	0.00	
09/18	73.7	49.6	14.8	9.3	0.27	Low Infection Risk
09/19	71.3	57.9	7.8	6.8	0.00	

Griswold Downy Mildew - Grape From 2012-09-01 To 2012-09-19

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
09/01	87.5	0.0	0.03	12.8	7.5	1.8	1	Primary Infection
09/02	81.0	>min		12.8	8.5	0.0	1	Possible Infection
09/03	78.1	>min		9.3	8.5	0.0	1	Possible Infection
09/04	77.2	>min	1.53	22.5	13.0	12.3	3	High Risk of Infection
09/05	80.2	>min	2.32	20.5	16.5	16.5	3	High Risk of Infection
09/06	79.3	>min		14.3	12.8	7.3	3	High Risk of Infection
09/07	83.7	>min		14.5	13.3	13.3	3	High Risk of Infection
09/08	79.0	>min	0.16	11.0	9.0	8.0	3	High Risk of Infection
09/09	77.0	>min	0.07	14.3	12.3	0.0	1	Possible Infection
09/10	71.2	>min		9.3	8.5	0.0	1	Possible Infection
09/11	73.7	>min		11.0	6.0	0.0	1	Possible Infection
09/12	78.8	>min		12.5	11.3	0.0	1	Possible Infection
09/13	79.2	>min		13.0	12.3	0.0	1	Possible Infection
09/14	79.6	>min		13.3	12.3	0.0	1	Possible Infection
09/15	74.3	>min		12.8	9.5	0.0	1	Possible Infection
09/16	73.4	>min		12.3	10.3	0.0	1	Possible Infection
09/17	76.8	>min		9.8	8.3	0.0	1	Possible Infection
09/18	73.7	>min	0.28	14.8	9.0	0.8	3	High Risk of Infection
09/19	71.3	>min	1.29	7.8	6.0	5.3	3	High Risk of Infection

Griswold Powdery Mildew - Grape From 2012-09-01 To 2012-09-19

Date	Temperature High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
09/01	87.5	72.8	3.8	0.0	12.8		
09/02	81.0	68.4	10.0	0.0	12.8	Heavy	
09/03	78.1	65.9	9.0	0.0	9.3		
09/04	77.2	70.9	14.3	0.0	21.8	Heavy	60 Heavy
09/05	80.2	74.2	21.0	0.0	20.5	Heavy	80 Heavy
09/06	79.3	70.1	10.5	0.0	13.5	Heavy	100 Heavy
09/07	83.7	73.9	14.3	0.0	14.3	Heavy	100 Heavy
09/08	79.0	74.0	20.8	0.0	11.0	Heavy	100 Heavy
09/09	77.0	64.3	4.8	0.0	13.8		90 Heavy
09/10	71.2	59.2	0.3	0.0	8.8		80 Heavy
09/11	73.7	56.5	4.3	0.0	12.8		70 Heavy
09/12	78.8	60.7	8.0	0.0	12.5		90 Heavy
09/13	79.2	63.8	9.0	0.0	13.0		100 Heavy
09/14	79.6	64.2	8.8	0.0	13.3		100 Heavy
09/15	74.3	61.3	5.3	0.0	12.8	Heavy	90 Heavy
09/16	73.4	56.0	4.0	0.0	13.5		80 Heavy
09/17	76.8	57.4	6.0	0.0	13.5		100 Heavy
09/18	73.7	65.0	13.5	0.0	14.5	Heavy	100 Heavy
09/19	71.3	64.2	0.5	0.0	7.3	Heavy	90 Heavy

Griswold Phomopsis Cane+Leaf Spot - Grape From 2012-09-01 To 2012-09-19

Date	Temp Mean	Wet Hours	Rain- Fall	Wet+ Rain	Wet Temp	Disease Intensity	
						Catawba	Seyval
09/01	72.8	13.0	0.03	4.8	66.1	16 Light	34 Moderate
09/02	68.4	13.3	0.00	13.0	63.4	67 Moderate	95 High
09/03	65.9	11.8	0.00	0.0	0.0	0	0
09/04	70.9	23.8	1.53	20.8	71.9	109 High	153 High
09/05	74.2	21.8	2.32	36.0	73.1	225 High	264 High
09/06	70.1	14.8	0.00	0.0	0.0	0	0
09/07	73.9	14.8	0.00	0.0	0.0	0	0
09/08	74.0	15.8	0.16	3.0	66.3	8 Light	21 Light
09/09	64.3	14.8	0.07	12.3	62.7	62 Moderate	89 Moderate
09/10	59.2	9.8	0.00	0.0	0.0	0	0
09/11	56.5	13.0	0.00	0.0	0.0	0	0
09/12	60.7	13.0	0.00	0.0	0.0	0	0
09/13	63.8	13.0	0.00	0.0	0.0	0	0
09/14	64.2	13.5	0.00	0.0	0.0	0	0
09/15	61.3	13.5	0.00	0.0	0.0	0	0
09/16	56.0	13.8	0.00	0.0	0.0	0	0
09/17	57.4	13.3	0.00	0.0	0.0	0	0
09/18	65.0	18.0	0.28	8.3	71.5	30 Light	59 Moderate
09/19	64.2	8.0	1.29	14.3	68.0	73 Moderate	108 High

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