

Colchester_Risk_6_5_2009.txt

Colchester, CT Black Rot - Grape From 2009-05-24 To 2009-06-05

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
05/24	78.4	51.6	21.5	2.38	Infection Risk
05/25	76.5	57.5	13.8	4.16	Infection Risk
05/26	61.2	44.4	1.3	0.05	
05/27	57.9	44.3	14.0	1.11	Infection Risk
05/28	57.2	49.1	23.5	2.48	Infection Risk
05/29	68.3	48.8	24.0	4.60	Infection Risk
05/30	75.3	55.2	16.8	6.78	Infection Risk
05/31	75.1	47.3	7.5	0.77	
06/01	66.0	40.9	1.3	0.08	
06/02	75.4	54.8	13.8	1.59	Infection Risk
06/03	71.1	54.2	14.5	3.08	Infection Risk
06/04	71.2	52.1	17.0	4.53	Infection Risk
06/05	58.5	51.9	8.8	5.05	Infection Risk

Colchester, CT 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	78.4	51.6	21.5	12.5	2.27	High Infection Risk
05/25	76.5	57.5	13.8	4.0	0.50	Low Infection Risk
05/26	61.2	44.4	2.3		0.00	
05/27	57.9	44.3	22.0	7.3	2.02	High Infection Risk
05/28	57.2	49.1	23.5	15.5	2.11	High Infection Risk
05/29	68.3	48.8	24.0	17.3	2.79	High Infection Risk
05/30	75.3	55.2	16.8	7.0	1.12	High Infection Risk
05/31	75.1	47.3	8.0	0.8	0.00	
06/01	66.0	40.9	1.3		0.00	
06/02	75.4	54.8	13.8		0.20	Low Infection Risk
06/03	71.1	54.2	14.5		0.31	Low Infection Risk
06/04	71.2	52.1	17.0	8.0	1.11	High Infection Risk
06/05	58.5	51.9	8.8	8.8	0.00	

Colchester, CT 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	78.4	0.0	0.43	21.5	10.8	0.3	1	Primary Infection
05/25	76.5	>min	0.01	13.8	3.3	0.0	1	Possible Infection
05/26	61.2	>min		2.3	0.0	0.0	0	
05/27	57.9	>min	0.06	22.0	5.3	0.0	1	Possible Infection
05/28	57.2	>min		23.5	14.5	0.0	1	Possible Infection
05/29	68.3	>min	0.18	24.0	16.5	0.0	1	Possible Infection
05/30	75.3	>min	0.03	16.8	6.5	0.0	1	Possible Infection
05/31	75.1	>min		8.0	0.0	0.0	0	
06/01	66.0	>min		1.3	0.0	0.0	0	
06/02	75.4	>min		13.8	0.0	0.0	0	
06/03	71.1	>min	0.01	14.5	0.0	0.0	0	
06/04	71.2	>min	0.21	17.0	6.0	0.0	1	Possible Infection
06/05	58.5	>min		8.8	8.8	0.0	1	Possible Infection

Colchester, CT 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	78.4	62.6	5.5	0.0	17.8	Heavy	

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05/25	76.5	66.1	8.5	0.0	8.0	Heavy
05/26	61.2	52.5	0.0	0.0	2.3	
05/27	57.9	52.4	0.0	0.0	19.3	Heavy
05/28	57.2	53.0	0.0	0.0	16.8	Heavy
05/29	68.3	56.6	0.0	0.0	17.5	Heavy
05/30	75.3	65.0	7.8	0.0	11.8	Heavy
05/31	75.1	61.0	6.3	0.0	4.8	
06/01	66.0	53.9	0.0	0.0	0.3	
06/02	75.4	63.5	5.5	0.0	8.3	
06/03	71.1	60.1	0.5	0.0	12.3	
06/04	71.2	58.6	0.5	0.0	12.8	Heavy
06/05	58.5	53.4	0.0	0.0	9.3	

Leaf Wetness Sensor Parameters:

Base Temperature 0.0
 Upper Temperature 100.0
 Wetness Threshold 6.0

Colchester, CT 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	62.6	24.0	0.43	17.0	66.7	97 Hi gh	130 Hi gh
05/25	66.1	19.3	0.01	36.3	66.9	285 Hi gh	286 Hi gh
05/26	52.5	8.5	0.00	0.0	0.0	0	0
05/27	52.4	24.0	0.06	23.5	52.5	98 Hi gh	104 Hi gh
05/28	53.0	24.0	0.00	47.5	52.8	274 Hi gh	221 Hi gh
05/29	56.6	24.0	0.18	71.5	54.1	550 Hi gh	376 Hi gh
05/30	65.0	23.8	0.03	94.5	56.8	977 Hi gh	600 Hi gh
05/31	61.0	19.5	0.00	0.0	0.0	0	0
06/01	53.9	13.8	0.00	0.0	0.0	0	0
06/02	63.5	24.0	0.00	0.0	0.0	0	0
06/03	60.1	24.0	0.01	4.0	55.7	10 Li ght	21 Li ght
06/04	58.6	24.0	0.21	28.0	58.2	182 Hi gh	181 Hi gh
06/05	53.4	8.8	0.00	37.3	57.1	261 Hi gh	231 Hi gh

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