

Colchester_Risk_7_1_2009.txt

Colchester, CT Black Rot - Grape From 2009-06-21 To 2009-07-01

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
06/21	70.5	61.9	24.0	3.50	Infection Risk
06/22	66.8	62.3	24.0	6.88	Infection Risk
06/23	72.0	61.5	24.0	10.40	Infection Risk
06/24	70.2	61.8	24.0	13.93	Infection Risk
06/25	76.7	59.8	24.0	17.48	Infection Risk
06/26	78.9	61.3	24.0	20.96	Infection Risk
06/27	80.6	57.3	23.8	23.97	Infection Risk
06/28	75.9	57.5	24.0	27.26	Infection Risk
06/29	80.0	60.7	24.0	30.84	Infection Risk
06/30	79.7	58.4	22.8	34.13	Infection Risk
07/01	66.2	64.6	6.8	35.17	Infection Risk

Colchester, CT Botrytis - Grape From 2009-06-21 To 2009-07-01

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
06/21	70.5	61.9	24.0	10.8	3.17	High Infection Risk
06/22	66.8	62.3	24.0		3.15	High Infection Risk
06/23	72.0	61.5	24.0	5.3	3.17	High Infection Risk
06/24	70.2	61.8	24.0	11.3	3.19	High Infection Risk
06/25	76.7	59.8	24.0	10.5	3.08	High Infection Risk
06/26	78.9	61.3	24.0	13.5	3.06	High Infection Risk
06/27	80.6	57.3	23.8	11.3	2.62	High Infection Risk
06/28	75.9	57.5	24.0	11.0	2.92	High Infection Risk
06/29	80.0	60.7	24.0	8.5	3.00	High Infection Risk
06/30	79.7	58.4	22.8	6.8	2.59	High Infection Risk
07/01	66.2	64.6	6.8	6.5	0.00	

Colchester, CT Downy Mildew - Grape From 2009-06-21 To 2009-07-01

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours>95%RH 43-86	66-77	Risk	Warning
06/21	70.5	0.0	0.24	24.0	9.5	0.0	1	Primary Infection
06/22	66.8	>min		24.0	0.0	0.0	0	
06/23	72.0	>min	0.02	24.0	3.5	0.0	1	Possible Infection
06/24	70.2	>min	0.01	24.0	6.0	0.0	1	Possible Infection
06/25	76.7	>min		24.0	9.0	0.3	1	Possible Infection
06/26	78.9	>min	0.31	24.0	11.5	0.5	3	High Risk of Infection
06/27	80.6	>min	1.86	23.8	10.3	0.3	1	Possible Infection
06/28	75.9	>min		24.0	9.5	0.0	1	Possible Infection
06/29	80.0	>min		24.0	8.3	0.0	1	Possible Infection
06/30	79.7	>min		22.8	5.8	0.0	1	Possible Infection
07/01	66.2	>min		6.8	3.5	0.5	3	High Risk of Infection

Colchester, CT Powdery Mildew - Grape From 2009-06-21 To 2009-07-01

Date	Temperature High	Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
06/21	70.5	64.7	0.5	0.0	24.0	Heavy	
06/22	66.8	63.8	0.0	0.0	24.0	Heavy	
06/23	72.0	65.0	0.8	0.0	24.0	Heavy	
06/24	70.2	64.8	0.3	0.0	24.0	Heavy	
06/25	76.7	67.2	8.3	0.0	24.0	Heavy	
06/26	78.9	66.8	7.0	0.0	24.0	Heavy	
06/27	80.6	66.7	9.0	0.0	21.5	Heavy	60 Heavy

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06/28	75.9	65.3	6.5	0.0	19.5	Heavy	80	Heavy
06/29	80.0	69.4	11.0	0.0	19.3	Heavy	100	Heavy
06/30	79.7	69.9	11.0	0.0	15.3	Heavy	100	Heavy
07/01	66.2	65.3	0.0	0.0	7.3	Heavy	90	Heavy

Leaf Wetness Sensor Parameters:

Base Temperature	0.0
Upper Temperature	100.0
Wetness Threshold	6.0

Colchester, CT Phomopsis Cane+Leaf Spot - Grape From 2009-06-21 To 2009-07-01

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Di sease Intensi ty Catawba	Seyval
06/21	64.7	24.0	0.24	22.0	64.9	143 Hi gh	168 Hi gh
06/22	63.8	24.0	0.00	46.0	64.4	411 Hi gh	360 Hi gh
06/23	65.0	24.0	0.02	70.0	64.6	749 Hi gh	559 Hi gh
06/24	64.8	24.0	0.01	94.0	64.6	1141 Hi gh	760 Hi gh
06/25	67.2	24.0	0.00	118.0	65.2	1574 Hi gh	968 Hi gh
06/26	66.8	24.0	0.31	142.0	65.4	2046 Hi gh	1176 Hi gh
06/27	66.7	24.0	1.86	166.0	65.6	2554 Hi gh	1385 Hi gh
06/28	65.3	24.0	0.00	190.0	65.6	3100 Hi gh	1593 Hi gh
06/29	69.4	24.0	0.00	214.0	66.0	3656 Hi gh	1808 Hi gh
06/30	69.9	24.0	0.00	238.0	66.4	4234 Hi gh	2023 Hi gh
07/01	65.3	6.8	0.00	245.3	66.4	4422 Hi gh	2087 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
 Disease Intensity projects the estimated lesions per leaf