

Gri swol d_Ri sk_7_1_2009. txt

Gri swol d, CT Black Rot - Grape From 2009-06-21 To 2009-07-01

Date	Hi gh Temp	Low Temp	Wet Hours	Dai ly Ri sk	Warni ng
06/21	71.9	63.0	16.8	2.44	Infecti on Ri sk
06/22	66.9	62.6	21.8	5.56	Infecti on Ri sk
06/23	70.9	62.7	10.3	7.00	Infecti on Ri sk
06/24	69.6	61.8	14.3	9.10	Infecti on Ri sk
06/25	76.2	61.4	13.8	10.33	Infecti on Ri sk
06/26	80.9	60.7	16.0	2.97	Infecti on Ri sk
06/27	84.2	57.6	12.5	3.99	Infecti on Ri sk
06/28	75.3	60.8	13.0	1.64	Infecti on Ri sk
06/29	80.6	61.6	13.3	1.92	Infecti on Ri sk
06/30	83.6	57.1	11.8	1.64	Infecti on Ri sk
07/01	66.5	64.1	7.0	1.58	Infecti on Ri sk

Gri swol d, CT Botrytis - Grape From 2009-06-21 To 2009-07-01

Date	Hi gh Temp	Low Temp	Wet Hours	RH>95 Hours	Dai ly Ri sk	Warni ng
06/21	71.9	63.0	16.8	7.8	1.44	Hi gh Infecti on Ri sk
06/22	66.9	62.6	21.8	1.8	2.63	Hi gh Infecti on Ri sk
06/23	70.9	62.7	10.3	0.5	0.07	Low Infecti on Ri sk
06/24	69.6	61.8	14.3	1.3	0.96	Moderate Infecti on Ri sk
06/25	76.2	61.4	13.8	11.0	0.60	Moderate Infecti on Ri sk
06/26	80.9	60.7	16.0	11.5	1.30	Hi gh Infecti on Ri sk
06/27	84.2	57.6	12.5	11.5	0.19	Low Infecti on Ri sk
06/28	75.3	60.8	13.0	10.0	0.45	Low Infecti on Ri sk
06/29	80.6	61.6	13.3	9.8	0.58	Moderate Infecti on Ri sk
06/30	83.6	57.1	11.8	7.8	0.03	Low Infecti on Ri sk
07/01	66.5	64.1	7.0	1.3	0.00	

Gri swol d, CT Downy Mi ldew - Grape From 2009-06-21 To 2009-07-01

Date	Hi gh Temp	Deg Hrs43	Rai n Fall	Wet Hours	Hours>95%RH 43-86	66-77	Ri sk	Warni ng
06/21	71.9	0.0	0.01	16.8	6.3	0.0	1	Pri mary Infecti on
06/22	66.9	>mi n		21.8	0.3	0.0	0	
06/23	70.9	>mi n		10.3	0.0	0.0	0	
06/24	69.6	>mi n		14.3	0.8	0.0	1	Possi ble Infecti on
06/25	76.2	>mi n		13.8	10.0	0.0	1	Possi ble Infecti on
06/26	80.9	>mi n	0.08	16.0	8.0	0.3	1	Possi ble Infecti on
06/27	84.2	>mi n	0.23	12.5	10.8	0.0	1	Possi ble Infecti on
06/28	75.3	>mi n	0.01	13.0	9.5	0.0	1	Possi ble Infecti on
06/29	80.6	>mi n		13.3	6.8	0.0	1	Possi ble Infecti on
06/30	83.6	>mi n		11.8	7.5	0.0	1	Possi ble Infecti on
07/01	66.5	>mi n	0.29	7.0	0.8	0.0	1	Possi ble Infecti on

Gri swol d, CT Powdery Mi ldew - Grape From 2009-06-21 To 2009-07-01

Date	Temperature Hi gh	Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infecti on	Coni di al Index
06/21	71.9	65.5	1.8	0.0	14.3	Heavy	
06/22	66.9	64.2	0.0	0.0	20.3	Heavy	
06/23	70.9	65.9	0.8	0.0	8.0	Heavy	
06/24	69.6	65.4	0.0	0.0	12.0	Heavy	
06/25	76.2	66.9	8.0	0.0	13.0	Heavy	
06/26	80.9	68.8	10.0	0.0	15.3	Heavy	
06/27	84.2	68.6	10.5	0.0	12.5	Heavy	60 Heavy

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06/28	75.3	66.7	7.5	0.0	12.5		80	Heavy
06/29	80.6	69.6	10.0	0.0	12.8	Heavy	100	Heavy
06/30	83.6	70.5	11.5	0.0	11.8	Heavy	100	Heavy
07/01	66.5	65.7	0.0	0.0	7.3		90	Heavy

Leaf Wetness Sensor Parameters:

Base Temperature 0.0
 Upper Temperature 100.0
 Wetness Threshold 6.0

Gri swol d, CT Phomopsi s 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	65.5	24.0	0.01	21.0	65.8	133 Hi gh	161 Hi gh
06/22	64.2	24.0	0.00	45.0	64.9	397 Hi gh	354 Hi gh
06/23	65.9	24.0	0.00	69.0	65.3	730 Hi gh	554 Hi gh
06/24	65.4	24.0	0.00	93.0	65.3	1119 Hi gh	756 Hi gh
06/25	66.9	24.0	0.00	117.0	65.6	1549 Hi gh	963 Hi gh
06/26	68.8	24.0	0.08	141.0	66.2	2009 Hi gh	1172 Hi gh
06/27	68.6	20.3	0.23	318.8	66.4	6426 Hi gh	2741 Hi gh
06/28	66.7	23.0	0.01	175.8	66.3	2748 Hi gh	1475 Hi gh
06/29	69.6	22.3	0.00	0.0	0.0	0	0
06/30	70.5	20.3	0.00	0.0	0.0	0	0
07/01	65.7	7.0	0.29	1.5	65.4	3 Li ght	10 Li ght

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