

New_Preston_Ri sk_6_1_6_26_2009.txt

New Preston, CT Black Rot - Grape From 2009-06-01 To 2009-06-26

| Date | Hi gh Temp | Low Temp | Wet Hours | Dai l y Ri sk | Warni ng |
|-------|------------|----------|-----------|---------------|------------------|
| 06/01 | 66.8 | 39.5 | | 0.00 | |
| 06/02 | 74.1 | 53.1 | 7.3 | 0.32 | |
| 06/03 | 66.3 | 52.8 | 8.0 | 0.46 | |
| 06/04 | 70.6 | 52.0 | 12.3 | 0.96 | |
| 06/05 | 59.4 | 51.5 | 21.5 | 1.72 | Infecti on Ri sk |
| 06/06 | 75.7 | 51.6 | 10.8 | 2.22 | Infecti on Ri sk |
| 06/07 | 78.3 | 56.0 | 8.0 | 0.78 | |
| 06/08 | 76.2 | 57.8 | 7.0 | 1.36 | Infecti on Ri sk |
| 06/09 | 60.0 | 54.4 | 24.0 | 1.87 | Infecti on Ri sk |
| 06/10 | 67.6 | 54.0 | 17.0 | 3.44 | Infecti on Ri sk |
| 06/11 | 63.3 | 57.5 | 24.0 | 5.92 | Infecti on Ri sk |
| 06/12 | 77.1 | 59.6 | 18.3 | 8.38 | Infecti on Ri sk |
| 06/13 | 74.1 | 60.2 | 8.3 | 8.90 | Infecti on Ri sk |
| 06/14 | 71.3 | 54.7 | 11.8 | 1.24 | Infecti on Ri sk |
| 06/15 | 66.6 | 54.5 | 12.3 | 0.97 | |
| 06/16 | 67.1 | 53.5 | 9.8 | 0.79 | |
| 06/17 | 67.8 | 53.0 | 10.8 | 0.74 | |
| 06/18 | 61.7 | 54.9 | 24.0 | 2.44 | Infecti on Ri sk |
| 06/19 | 75.7 | 59.4 | 11.5 | 3.51 | Infecti on Ri sk |
| 06/20 | 71.4 | 58.3 | 16.8 | 2.42 | Infecti on Ri sk |
| 06/21 | 72.2 | 60.3 | 21.0 | 5.48 | Infecti on Ri sk |
| 06/22 | 69.2 | 62.1 | 11.5 | 6.82 | Infecti on Ri sk |
| 06/23 | 75.3 | 61.7 | 11.3 | 1.98 | Infecti on Ri sk |
| 06/24 | 73.9 | 63.2 | 15.8 | 4.39 | Infecti on Ri sk |
| 06/25 | 80.1 | 61.4 | 16.8 | 6.87 | Infecti on Ri sk |
| 06/26 | 65.6 | 65.2 | 0.8 | 6.99 | Infecti on Ri sk |

New Preston, CT Botrytis - Grape From 2009-06-01 To 2009-06-26

| Date | Hi gh Temp | Low Temp | Wet Hours | RH>95 Hours | Dai l y Ri sk | Warni ng |
|-------|------------|----------|-----------|-------------|---------------|------------------------|
| 06/01 | 66.8 | 39.5 | | | 0.00 | |
| 06/02 | 74.1 | 53.1 | 7.3 | | 0.00 | |
| 06/03 | 66.3 | 52.8 | 8.0 | 0.5 | 0.00 | |
| 06/04 | 70.6 | 52.0 | 12.3 | 7.5 | 0.00 | |
| 06/05 | 59.4 | 51.5 | 21.5 | 0.3 | 1.90 | Hi gh Infecti on Ri sk |
| 06/06 | 75.7 | 51.6 | 10.8 | 1.8 | 0.00 | |
| 06/07 | 78.3 | 56.0 | 8.0 | 1.8 | 0.00 | |
| 06/08 | 76.2 | 57.8 | 7.0 | 5.0 | 0.00 | |
| 06/09 | 60.0 | 54.4 | 24.0 | 19.0 | 2.32 | Hi gh Infecti on Ri sk |
| 06/10 | 67.6 | 54.0 | 17.0 | 14.5 | 1.17 | Hi gh Infecti on Ri sk |
| 06/11 | 63.3 | 57.5 | 24.0 | 24.0 | 2.68 | Hi gh Infecti on Ri sk |
| 06/12 | 77.1 | 59.6 | 18.3 | 12.0 | 1.57 | Hi gh Infecti on Ri sk |
| 06/13 | 74.1 | 60.2 | 8.3 | 1.8 | 0.00 | |
| 06/14 | 71.3 | 54.7 | 11.8 | 8.0 | 0.00 | |
| 06/15 | 66.6 | 54.5 | 12.3 | 8.5 | 0.00 | |
| 06/16 | 67.1 | 53.5 | 9.8 | 5.0 | 0.00 | |
| 06/17 | 67.8 | 53.0 | 10.8 | 8.0 | 0.00 | |
| 06/18 | 61.7 | 54.9 | 24.0 | 21.0 | 2.69 | Hi gh Infecti on Ri sk |
| 06/19 | 75.7 | 59.4 | 11.5 | 8.3 | 0.00 | |
| 06/20 | 71.4 | 58.3 | 16.8 | 13.8 | 1.32 | Hi gh Infecti on Ri sk |
| 06/21 | 72.2 | 60.3 | 21.0 | 8.8 | 2.43 | Hi gh Infecti on Ri sk |
| 06/22 | 69.2 | 62.1 | 11.5 | | 0.12 | Low Infecti on Ri sk |
| 06/23 | 75.3 | 61.7 | 11.3 | 0.5 | 0.10 | Low Infecti on Ri sk |
| 06/24 | 73.9 | 63.2 | 15.8 | | 1.23 | Hi gh Infecti on Ri sk |
| 06/25 | 80.1 | 61.4 | 16.8 | 5.8 | 1.30 | Hi gh Infecti on Ri sk |
| 06/26 | 65.6 | 65.2 | 0.8 | 0.8 | 0.00 | |

New_Preston_Ri sk_6_1_6_26_2009. txt

New Preston, CT Downy Mi ldew - Grape From 2009-06-01 To 2009-06-26

| Date | Hi gh Temp | Deg Hrs43 | Rai n Fall | Wet Hours | Hours>95%RH 43-86 | 66-77 | Ri sk | Warni ng |
|-------|------------|-----------|------------|-----------|-------------------|-------|-------|--------------------------|
| 06/01 | 66.8 | | | | 0.0 | 0.0 | 0 | |
| 06/02 | 74.1 | 0.0 | | 7.3 | 0.0 | 0.0 | 0 | Primary Infection |
| 06/03 | 66.3 | >mi n | 0.03 | 8.0 | 0.3 | 0.0 | 0 | |
| 06/04 | 70.6 | >mi n | 0.04 | 12.3 | 7.3 | 0.0 | 1 | Possi ble Infection |
| 06/05 | 59.4 | >mi n | 0.08 | 21.5 | 0.0 | 0.0 | 0 | |
| 06/06 | 75.7 | >mi n | | 10.8 | 0.8 | 0.0 | 1 | Possi ble Infection |
| 06/07 | 78.3 | >mi n | 0.02 | 8.0 | 0.3 | 0.0 | 0 | |
| 06/08 | 76.2 | >mi n | 0.01 | 7.0 | 3.0 | 0.0 | 1 | Possi ble Infection |
| 06/09 | 60.0 | >mi n | 0.56 | 24.0 | 17.5 | 0.0 | 1 | Possi ble Infection |
| 06/10 | 67.6 | >mi n | 0.06 | 17.0 | 13.3 | 0.0 | 1 | Possi ble Infection |
| 06/11 | 63.3 | >mi n | 0.72 | 24.0 | 24.0 | 0.0 | 1 | Possi ble Infection |
| 06/12 | 77.1 | >mi n | 1.03 | 18.3 | 11.8 | 1.0 | 3 | Hi gh Ri sk of Infection |
| 06/13 | 74.1 | >mi n | 0.50 | 8.3 | 1.5 | 0.0 | 1 | Possi ble Infection |
| 06/14 | 71.3 | >mi n | 1.32 | 11.8 | 7.8 | 0.0 | 1 | Possi ble Infection |
| 06/15 | 66.6 | >mi n | 0.15 | 12.3 | 6.3 | 0.0 | 1 | Possi ble Infection |
| 06/16 | 67.1 | >mi n | | 9.8 | 4.0 | 0.0 | 1 | Possi ble Infection |
| 06/17 | 67.8 | >mi n | | 10.8 | 7.0 | 0.0 | 1 | Possi ble Infection |
| 06/18 | 61.7 | >mi n | 1.59 | 24.0 | 20.5 | 0.0 | 1 | Possi ble Infection |
| 06/19 | 75.7 | >mi n | 0.02 | 11.5 | 7.8 | 0.0 | 1 | Possi ble Infection |
| 06/20 | 71.4 | >mi n | 0.76 | 16.8 | 13.0 | 0.0 | 1 | Possi ble Infection |
| 06/21 | 72.2 | >mi n | 0.20 | 21.0 | 7.3 | 0.0 | 1 | Possi ble Infection |
| 06/22 | 69.2 | >mi n | 0.04 | 11.5 | 0.0 | 0.0 | 0 | |
| 06/23 | 75.3 | >mi n | | 11.3 | 0.0 | 0.0 | 0 | |
| 06/24 | 73.9 | >mi n | 0.02 | 15.8 | 0.0 | 0.0 | 0 | |
| 06/25 | 80.1 | >mi n | 0.01 | 16.8 | 4.0 | 0.8 | 3 | Hi gh Ri sk of Infection |
| 06/26 | 65.6 | >mi n | | 0.8 | 0.8 | 0.0 | 1 | Possi ble Infection |

New Preston, CT Powdery Mi ldew - Grape From 2009-06-01 To 2009-06-26

| Date | Temperature Hi gh | Mean | Hours 70-85 | Hours >95 | Wet Hours | Ascospore Infection | Coni di al Index |
|-------|-------------------|------|-------------|-----------|-----------|---------------------|------------------|
| 06/01 | 66.8 | 54.3 | 0.0 | 0.0 | 0.0 | | |
| 06/02 | 74.1 | 62.9 | 7.0 | 0.0 | 6.5 | | |
| 06/03 | 66.3 | 58.0 | 0.0 | 0.0 | 7.8 | | |
| 06/04 | 70.6 | 59.7 | 0.8 | 0.0 | 12.3 | | |
| 06/05 | 59.4 | 55.1 | 0.0 | 0.0 | 20.8 | Heavy | |
| 06/06 | 75.7 | 63.4 | 6.0 | 0.0 | 10.3 | Heavy | |
| 06/07 | 78.3 | 66.9 | 9.8 | 0.0 | 7.8 | | |
| 06/08 | 76.2 | 66.4 | 7.3 | 0.0 | 6.5 | | 60 Heavy |
| 06/09 | 60.0 | 56.2 | 0.0 | 0.0 | 24.0 | Heavy | 50 Medi um |
| 06/10 | 67.6 | 60.0 | 0.0 | 0.0 | 16.0 | Heavy | 40 Medi um |
| 06/11 | 63.3 | 59.6 | 0.0 | 0.0 | 23.8 | Heavy | 30 Li ght |
| 06/12 | 77.1 | 66.6 | 6.3 | 0.0 | 11.5 | Heavy | 50 Medi um |
| 06/13 | 74.1 | 66.1 | 3.5 | 0.0 | 7.5 | | 40 Medi um |
| 06/14 | 71.3 | 61.8 | 0.8 | 0.0 | 11.5 | | 30 Li ght |
| 06/15 | 66.6 | 59.7 | 0.0 | 0.0 | 12.0 | | 20 Li ght |
| 06/16 | 67.1 | 59.9 | 0.0 | 0.0 | 9.5 | | 10 Li ght |
| 06/17 | 67.8 | 59.0 | 0.0 | 0.0 | 10.3 | | 0 |
| 06/18 | 61.7 | 58.3 | 0.0 | 0.0 | 24.0 | Heavy | 0 |
| 06/19 | 75.7 | 66.5 | 7.0 | 0.0 | 9.8 | Heavy | 20 Li ght |
| 06/20 | 71.4 | 63.6 | 0.8 | 0.0 | 15.8 | Heavy | 10 Li ght |
| 06/21 | 72.2 | 65.6 | 2.3 | 0.0 | 17.8 | Heavy | 0 |
| 06/22 | 69.2 | 64.9 | 0.0 | 0.0 | 4.8 | Heavy | 0 |
| 06/23 | 75.3 | 67.0 | 6.0 | 0.0 | 6.3 | | 20 Li ght |
| 06/24 | 73.9 | 67.3 | 5.3 | 0.0 | 13.3 | Heavy | 10 Li ght |
| 06/25 | 80.1 | 70.2 | 13.0 | 0.0 | 10.8 | Heavy | 30 Li ght |

06/26 65.6 65.4 0.0 0.0 1.3 20 Light

Leaf Wetness Sensor Parameters:

Base Temperature 0.0
 Upper Temperature 100.0
 Wetness Threshold 6.0

New Preston, CT Phomopsis Cane+Leaf Spot - Grape From 2009-06-01 To 2009-06-26

| Date | Temp Mean | Wet Hours | Rain-Fall | Wet+Rain | Wet Temp | Di sease Catawba | Intensi ty Seyval |
|-------|-----------|-----------|-----------|----------|----------|------------------|-------------------|
| 06/01 | 54.3 | 0.0 | 0.00 | 0.0 | 0.0 | 0 | 0 |
| 06/02 | 62.9 | 8.8 | 0.00 | 0.0 | 0.0 | 0 | 0 |
| 06/03 | 58.0 | 8.8 | 0.03 | 7.5 | 54.9 | 23 Light | 38 Moderate |
| 06/04 | 59.7 | 12.5 | 0.04 | 15.5 | 53.6 | 59 Moderate | 74 Moderate |
| 06/05 | 55.1 | 24.0 | 0.08 | 11.5 | 55.3 | 44 Moderate | 61 Moderate |
| 06/06 | 63.4 | 18.0 | 0.00 | 21.0 | 55.5 | 105 Hi gh | 116 Hi gh |
| 06/07 | 66.9 | 11.3 | 0.02 | 3.5 | 63.8 | 10 Light | 25 Light |
| 06/08 | 66.4 | 10.5 | 0.01 | 11.8 | 62.2 | 58 Moderate | 84 Moderate |
| 06/09 | 56.2 | 24.0 | 0.56 | 24.3 | 56.2 | 135 Hi gh | 141 Hi gh |
| 06/10 | 60.0 | 24.0 | 0.06 | 48.3 | 58.1 | 396 Hi gh | 318 Hi gh |
| 06/11 | 59.6 | 24.0 | 0.72 | 72.3 | 58.6 | 719 Hi gh | 495 Hi gh |
| 06/12 | 66.6 | 24.0 | 1.03 | 96.3 | 60.6 | 1144 Hi gh | 716 Hi gh |
| 06/13 | 66.1 | 24.0 | 0.50 | 120.3 | 61.7 | 1603 Hi gh | 931 Hi gh |
| 06/14 | 61.8 | 23.5 | 1.32 | 139.5 | 61.8 | 1985 Hi gh | 1090 Hi gh |
| 06/15 | 59.7 | 20.0 | 0.15 | 12.8 | 59.7 | 62 Moderate | 85 Moderate |
| 06/16 | 59.9 | 22.8 | 0.00 | 0.0 | 0.0 | 0 | 0 |
| 06/17 | 59.0 | 15.3 | 0.00 | 0.0 | 0.0 | 0 | 0 |
| 06/18 | 58.3 | 24.0 | 1.59 | 21.3 | 58.7 | 125 Hi gh | 139 Hi gh |
| 06/19 | 66.5 | 24.0 | 0.02 | 45.3 | 62.8 | 401 Hi gh | 346 Hi gh |
| 06/20 | 63.6 | 24.0 | 0.76 | 69.3 | 63.1 | 737 Hi gh | 541 Hi gh |
| 06/21 | 65.6 | 24.0 | 0.20 | 93.3 | 63.8 | 1130 Hi gh | 745 Hi gh |
| 06/22 | 64.9 | 24.0 | 0.04 | 117.3 | 64.0 | 1568 Hi gh | 948 Hi gh |
| 06/23 | 67.0 | 24.0 | 0.00 | 141.3 | 64.5 | 2044 Hi gh | 1159 Hi gh |
| 06/24 | 67.3 | 24.0 | 0.02 | 165.3 | 64.9 | 2553 Hi gh | 1370 Hi gh |
| 06/25 | 70.2 | 24.0 | 0.01 | 189.3 | 65.6 | 3082 Hi gh | 1587 Hi gh |
| 06/26 | 65.4 | 0.8 | 0.00 | 190.5 | 65.6 | 3111 Hi gh | 1598 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