

New Preston CT Black Rot - Grape From 2010-08-24 To 2010-09-04

| Date  | High Temp | Low Temp | Wet Hours | Daily Risk | Warning |
|-------|-----------|----------|-----------|------------|---------|
| 08/24 | 67.0      | 61.0     |           | 0.00       |         |
| 08/25 | 74.0      | 60.0     | 6.5       | 0.72       |         |
| 08/26 | 76.6      | 56.4     | 6.8       | 0.99       |         |
| 08/27 | 72.6      | 51.5     | 2.8       | 0.16       |         |
| 08/28 | 77.3      | 50.7     | 2.8       | 0.12       |         |
| 08/29 | 86.0      | 58.2     | 4.8       | 0.54       |         |
| 08/30 | 84.5      | 65.1     | 0.5       | 0.08       |         |
| 08/31 | 87.7      | 65.0     |           | 0.00       |         |
| 09/01 | 88.9      | 66.3     | 2.0       | 0.33       |         |
| 09/02 | 90.3      | 67.5     |           | 0.00       |         |
| 09/03 | 81.5      | 66.7     | 4.3       | 0.72       |         |
| 09/04 | 74.1      | 63.3     | 1.0       | 0.17       |         |

New Preston Botrytis - Grape From 2010-08-24 To 2010-09-04

| Date  | High Temp | Low Temp | Wet Hours | RH>95 Hours | Daily Risk | Warning |
|-------|-----------|----------|-----------|-------------|------------|---------|
| 08/24 | 67.0      | 61.0     |           |             | 0.00       |         |
| 08/25 | 74.0      | 60.0     | 6.5       | 8.3         | 0.00       |         |
| 08/26 | 76.6      | 56.4     | 6.8       | 7.5         | 0.00       |         |
| 08/27 | 72.6      | 51.5     | 2.8       | 2.3         | 0.00       |         |
| 08/28 | 77.3      | 50.7     | 2.8       | 0.3         | 0.00       |         |
| 08/29 | 86.0      | 58.2     | 4.8       | 0.5         | 0.00       |         |
| 08/30 | 84.5      | 65.1     | 0.5       |             | 0.00       |         |
| 08/31 | 87.7      | 65.0     |           |             | 0.00       |         |
| 09/01 | 88.9      | 66.3     | 2.0       | 0.3         | 0.00       |         |
| 09/02 | 90.3      | 67.5     |           |             | 0.00       |         |
| 09/03 | 81.5      | 66.7     | 4.3       |             | 0.00       |         |
| 09/04 | 74.1      | 63.3     | 1.0       |             | 0.00       |         |

New Preston CT Downy Mildew - Grape From 2010-08-24 To 2010-09-04

| Date  | High Temp | Deg Hrs43 | Rain Fall | Wet Hours | Hours >95%RH 43-86 | 66-77 | Risk | Warning            |
|-------|-----------|-----------|-----------|-----------|--------------------|-------|------|--------------------|
| 08/24 | 67.0      | 0.0       | 0.71      |           | 0.0                | 0.0   | 0    | Primary Infection  |
| 08/25 | 74.0      | >min      | 0.08      | 6.5       | 6.0                | 0.0   | 1    | Possible Infection |
| 08/26 | 76.6      | >min      | 0.03      | 6.8       | 7.0                | 0.0   | 1    | Possible Infection |
| 08/27 | 72.6      | >min      | 0.02      | 2.8       | 1.8                | 0.0   | 1    | Possible Infection |
| 08/28 | 77.3      | >min      | 0.02      | 2.8       | 0.0                | 0.0   | 0    |                    |
| 08/29 | 86.0      | >min      | 0.01      | 4.8       | 0.3                | 0.0   | 0    |                    |
| 08/30 | 84.5      | >min      |           | 0.5       | 0.0                | 0.0   | 0    |                    |
| 08/31 | 87.7      | >min      | 0.01      |           | 0.0                | 0.0   | 0    |                    |
| 09/01 | 88.9      | >min      |           | 2.0       | 0.0                | 0.0   | 0    |                    |
| 09/02 | 90.3      | >min      |           |           | 0.0                | 0.0   | 0    |                    |
| 09/03 | 81.5      | >min      |           | 4.3       | 0.0                | 0.0   | 0    |                    |
| 09/04 | 74.1      | >min      |           | 1.0       | 0.0                | 0.0   | 0    |                    |

New Preston CT Powdery Mildew - Grape From 2010-08-24 To 2010-09-04

| Date  | Temperature High | Temperature Mean | Hours 70-85 | Hours >95 | Wet Hours | Ascospore Infection | Conidial Index |
|-------|------------------|------------------|-------------|-----------|-----------|---------------------|----------------|
| 08/24 | 67.0             | 63.4             | 0.0         | 0.0       | 0.0       |                     |                |
| 08/25 | 74.0             | 66.1             | 6.8         | 0.0       | 6.0       |                     |                |
| 08/26 | 76.6             | 67.4             | 8.5         | 0.0       | 6.0       |                     |                |
| 08/27 | 72.6             | 62.4             | 4.5         | 0.0       | 2.3       |                     |                |
| 08/28 | 77.3             | 64.0             | 8.0         | 0.0       | 2.0       |                     |                |
| 08/29 | 86.0             | 72.4             | 7.5         | 0.0       | 4.3       |                     |                |
| 08/30 | 84.5             | 75.3             | 19.3        | 0.0       | 0.0       |                     | 60 Heavy       |
| 08/31 | 87.7             | 77.5             | 13.5        | 0.0       | 0.0       |                     | 80 Heavy       |
| 09/01 | 88.9             | 78.2             | 5.8         | 0.0       | 1.5       |                     | 70 Heavy       |
| 09/02 | 90.3             | 78.5             | 12.8        | 0.0       | 0.0       |                     | 90 Heavy       |
| 09/03 | 81.5             | 73.8             | 17.8        | 0.0       | 2.8       |                     | 100 Heavy      |
| 09/04 | 74.1             | 69.7             | 5.0         | 0.0       | 1.0       |                     | 90 Heavy       |

New Preston CT Phomopsis Cane+Leaf Spot - Grape From 2010-08-24 To 2010-09-04

| Date  | Temp Mean | Wet Hours | Rain-Fall | Wet+Rain | Wet Temp | Disease Intensity |             |
|-------|-----------|-----------|-----------|----------|----------|-------------------|-------------|
|       |           |           |           |          |          | Catawba           | Seyval      |
| 08/24 | 63.4      | 0.0       | 0.71      | 0.0      | 0.0      | 0                 | 0           |
| 08/25 | 66.1      | 7.5       | 0.08      | 7.5      | 60.6     | 30 Light          | 50 Moderate |
| 08/26 | 67.4      | 8.5       | 0.03      | 0.0      | 0.0      | 0                 | 0           |
| 08/27 | 62.4      | 3.5       | 0.02      | 0.0      | 0.0      | 0                 | 0           |
| 08/28 | 64.0      | 6.3       | 0.02      | 0.0      | 0.0      | 0                 | 0           |
| 08/29 | 72.4      | 8.0       | 0.01      | 0.0      | 0.0      | 0                 | 0           |
| 08/30 | 75.3      | 1.0       | 0.00      | 0.0      | 0.0      | 0                 | 0           |
| 08/31 | 77.5      | 0.3       | 0.01      | 0.0      | 0.0      | 0                 | 0           |
| 09/01 | 78.2      | 3.8       | 0.00      | 0.0      | 0.0      | 0                 | 0           |
| 09/02 | 78.5      | 5.5       | 0.00      | 0.0      | 0.0      | 0                 | 0           |
| 09/03 | 73.8      | 7.5       | 0.00      | 0.0      | 0.0      | 0                 | 0           |
| 09/04 | 69.7      | 2.3       | 0.00      | 0.0      | 0.0      | 0                 | 0           |
| old   | 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