

Windsor, CT Black Rot - Grape From 2009-05-01 To 2009-05-15

| Date | High Temp | Low Temp | Wet Hours | Daily Risk | Warning |
|-------|-----------|----------|-----------|------------|----------------|
| 05/01 | 68.0 | 50.7 | 24.0 | 2.76 | Infection Risk |
| 05/02 | 69.3 | 49.3 | 8.5 | 3.51 | Infection Risk |
| 05/03 | 62.6 | 42.9 | 10.5 | 0.64 | |
| 05/04 | 62.9 | 51.1 | 14.3 | 1.07 | Infection Risk |
| 05/05 | 55.1 | 48.7 | 22.3 | 1.69 | Infection Risk |
| 05/06 | 68.2 | 46.8 | 7.5 | 2.26 | Infection Risk |
| 05/07 | 72.5 | 51.5 | 24.0 | 4.81 | Infection Risk |
| 05/08 | 77.7 | 49.3 | 18.0 | 6.73 | Infection Risk |
| 05/09 | 73.3 | 58.0 | 21.5 | 9.58 | Infection Risk |
| 05/10 | 66.6 | 48.6 | 1.5 | 9.77 | Infection Risk |
| 05/11 | 67.6 | 43.8 | | 0.00 | |
| 05/12 | 68.3 | 40.9 | 2.3 | 0.09 | |
| 05/13 | 72.2 | 40.9 | 5.8 | 0.38 | |
| 05/14 | 64.9 | 49.5 | 19.5 | 1.74 | Infection Risk |
| 05/15 | 58.3 | 56.5 | 7.8 | 2.38 | Infection Risk |

Windsor, CT Botrytis - Grape From 2009-05-01 To 2009-05-15

| Date | High Temp | Low Temp | Wet Hours | RH>95 Hours | Daily Risk | Warning |
|-------|-----------|----------|-----------|-------------|------------|---------------------|
| 05/01 | 68.0 | 50.7 | 24.0 | 5.0 | 2.88 | High Infection Risk |
| 05/02 | 69.3 | 49.3 | 8.5 | 0.3 | 0.00 | |
| 05/03 | 62.6 | 42.9 | 14.8 | | 0.00 | |
| 05/04 | 62.9 | 51.1 | 14.3 | 8.5 | 0.00 | |
| 05/05 | 55.1 | 48.7 | 22.3 | 9.3 | 1.88 | High Infection Risk |
| 05/06 | 68.2 | 46.8 | 12.8 | 7.5 | 0.00 | |
| 05/07 | 72.5 | 51.5 | 24.0 | 14.5 | 2.76 | High Infection Risk |
| 05/08 | 77.7 | 49.3 | 18.0 | 8.0 | 1.39 | High Infection Risk |
| 05/09 | 73.3 | 58.0 | 21.5 | 9.0 | 2.31 | High Infection Risk |
| 05/10 | 66.6 | 48.6 | 1.5 | 0.3 | 0.00 | |
| 05/11 | 67.6 | 43.8 | 0.5 | | 0.00 | |
| 05/12 | 68.3 | 40.9 | 11.5 | 0.5 | 0.00 | |
| 05/13 | 72.2 | 40.9 | 13.5 | 7.8 | 0.00 | |
| 05/14 | 64.9 | 49.5 | 19.5 | 2.8 | 1.62 | High Infection Risk |
| 05/15 | 58.3 | 56.5 | 7.8 | 7.5 | 0.00 | |

Windsor, CT Downy Mildew - Grape From 2009-05-01 To 2009-05-15

| Date | High Temp | Deg Hrs43 | Rain Fall | Wet Hours | Hours>95%RH 43-86 | 66-77 | Risk | Warning |
|-------|-----------|-----------|-----------|-----------|-------------------|-------|------|--------------------|
| 05/01 | 68.0 | 0.0 | | 24.0 | 2.5 | 0.0 | 1 | Primary Infection |
| 05/02 | 69.3 | >min | 0.07 | 8.5 | 0.0 | 0.0 | 0 | |
| 05/03 | 62.6 | >min | 0.02 | 14.5 | 0.0 | 0.0 | 0 | |
| 05/04 | 62.9 | >min | 0.06 | 14.3 | 5.0 | 0.0 | 1 | Possible Infection |
| 05/05 | 55.1 | >min | 0.10 | 22.3 | 3.8 | 0.0 | 1 | Possible Infection |
| 05/06 | 68.2 | >min | 0.46 | 12.8 | 6.3 | 0.0 | 1 | Possible Infection |
| 05/07 | 72.5 | >min | 1.19 | 24.0 | 12.3 | 0.0 | 1 | Possible Infection |
| 05/08 | 77.7 | >min | 0.08 | 18.0 | 7.8 | 0.0 | 1 | Possible Infection |
| 05/09 | 73.3 | >min | 0.07 | 21.5 | 7.8 | 0.0 | 1 | Possible Infection |
| 05/10 | 66.6 | >min | | 1.5 | 0.3 | 0.0 | 0 | |
| 05/11 | 67.6 | >min | | 0.5 | 0.0 | 0.0 | 0 | |
| 05/12 | 68.3 | >min | | 8.8 | 0.0 | 0.0 | 0 | |
| 05/13 | 72.2 | >min | | 9.0 | 2.5 | 0.0 | 1 | Possible Infection |
| 05/14 | 64.9 | >min | 0.44 | 19.5 | 0.5 | 0.0 | 1 | Possible Infection |
| 05/15 | 58.3 | >min | | 7.8 | 4.0 | 0.0 | 1 | Possible Infection |

Windsor, CT Powdery Mildew - Grape From 2009-05-01 To 2009-05-15

| Date | Temperature High | Temperature Mean | Hours 70-85 | Hours >95 | Wet Hours | Ascospore Infection | Conidial Index |
|-------|------------------|------------------|-------------|-----------|-----------|---------------------|----------------|
| 05/01 | 68.0 | 60.6 | 0.0 | 0.0 | 24.0 | Heavy | |
| 05/02 | 69.3 | 59.7 | 0.0 | 0.0 | 8.0 | Heavy | |
| 05/03 | 62.6 | 51.7 | 0.0 | 0.0 | 14.5 | | |
| 05/04 | 62.9 | 56.1 | 0.0 | 0.0 | 13.0 | Heavy | |
| 05/05 | 55.1 | 52.4 | 0.0 | 0.0 | 21.5 | Heavy | |
| 05/06 | 68.2 | 55.8 | 0.0 | 0.0 | 9.5 | Heavy | |
| 05/07 | 72.5 | 59.9 | 2.5 | 0.0 | 17.8 | Heavy | |
| 05/08 | 77.7 | 63.0 | 7.3 | 0.0 | 11.5 | Heavy | |
| 05/09 | 73.3 | 64.7 | 5.0 | 0.0 | 12.0 | | |
| 05/10 | 66.6 | 58.6 | 0.0 | 0.0 | 1.5 | | |
| 05/11 | 67.6 | 54.9 | 0.0 | 0.0 | 0.5 | | |
| 05/12 | 68.3 | 53.1 | 0.0 | 0.0 | 11.5 | | |
| 05/13 | 72.2 | 56.5 | 1.8 | 0.0 | 13.3 | | |
| 05/14 | 64.9 | 57.3 | 0.0 | 0.0 | 18.8 | Heavy | |
| 05/15 | 58.3 | 57.3 | 0.0 | 0.0 | 8.3 | Heavy | |

Leaf Wetness Sensor Parameters:

Base Temperature 0.0
 Upper Temperature 100.0
 Wetness Threshold 6.0

Windsor, CT Phomopsis Cane+Leaf Spot - Grape From 2009-05-01 To 2009-05-15

| Date | Temp Mean | Wet Hours | Rain-Fall | Wet+Rain | Wet Temp | Disease Catawba | Intensity | Seyval |
|-------|-----------|-----------|-----------|----------|----------|-----------------|-----------|-------------|
| 05/01 | 60.6 | 24.0 | 0.00 | 0.0 | 0.0 | 0 | | 0 |
| 05/02 | 59.7 | 18.0 | 0.07 | 12.5 | 60.2 | 61 | Moderate | 85 Moderate |
| 05/03 | 51.7 | 17.5 | 0.02 | 6.5 | 51.9 | 15 | Light | 26 Light |
| 05/04 | 56.1 | 24.0 | 0.06 | 30.5 | 55.2 | 176 | High | 168 High |
| 05/05 | 52.4 | 24.0 | 0.10 | 54.5 | 54.0 | 369 | High | 281 High |
| 05/06 | 55.8 | 24.0 | 0.46 | 78.5 | 54.5 | 651 | High | 428 High |
| 05/07 | 59.9 | 24.0 | 1.19 | 102.5 | 55.8 | 1036 | High | 615 High |
| 05/08 | 63.0 | 24.0 | 0.08 | 126.5 | 57.1 | 1505 | High | 826 High |
| 05/09 | 64.7 | 24.0 | 0.07 | 150.5 | 58.3 | 2030 | High | 1048 High |
| 05/10 | 58.6 | 18.3 | 0.00 | 168.5 | 58.5 | 2405 | High | 1190 High |
| 05/11 | 54.9 | 9.8 | 0.00 | 0.0 | 0.0 | 0 | | 0 |
| 05/12 | 53.1 | 18.0 | 0.00 | 0.0 | 0.0 | 0 | | 0 |
| 05/13 | 56.5 | 20.5 | 0.00 | 0.0 | 0.0 | 0 | | 0 |
| 05/14 | 57.3 | 24.0 | 0.44 | 12.0 | 60.2 | 58 | Moderate | 81 Moderate |
| 05/15 | 57.3 | 7.8 | 0.00 | 20.3 | 59.0 | 118 | High | 134 High |

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