

Windsor Black Rot - Grape From 2012-05-11 To 2012-05-24

| Date | High Temp | Low Temp | Wet Hours | Daily Risk | Warning |
|-------|-----------|----------|-----------|------------|----------------|
| 05/11 | 68.0 | 46.7 | | 0.00 | |
| 05/12 | 81.1 | 38.8 | | 0.00 | |
| 05/13 | 84.1 | 52.3 | 1.0 | 0.05 | |
| 05/14 | 72.1 | 60.2 | 8.0 | 1.07 | Infection Risk |
| 05/15 | 72.0 | 58.5 | 19.3 | 3.32 | Infection Risk |
| 05/16 | 74.1 | 61.9 | 11.3 | 4.69 | Infection Risk |
| 05/17 | 72.3 | 47.3 | | 0.00 | |
| 05/18 | 76.1 | 43.9 | 1.5 | 0.06 | |
| 05/19 | 85.1 | 44.6 | | 0.00 | |
| 05/20 | 85.6 | 50.6 | 2.8 | 0.13 | |
| 05/21 | 72.1 | 53.5 | 7.0 | 1.11 | Infection Risk |
| 05/22 | 67.8 | 62.3 | 22.3 | 4.33 | Infection Risk |
| 05/23 | 79.9 | 59.4 | 8.8 | 5.18 | Infection Risk |
| 05/24 | 77.0 | 59.2 | 7.8 | 1.09 | Infection Risk |

Windsor Downy Mildew - Grape From 2012-05-11 To 2012-05-24

| Date | High Temp | Deg Hrs43 | Rain Fall | Wet Hours | Hours>95%RH 43-86 | 66-77 | Risk | Warning |
|-------|-----------|-----------|-----------|-----------|-------------------|-------|------|------------------------|
| 05/11 | 68.0 | | | | 0.0 | 0.0 | 0 | |
| 05/12 | 81.1 | 0.0 | | 0.5 | 0.0 | 0.0 | 0 | Primary Infection |
| 05/13 | 84.1 | >min | | 1.0 | 0.0 | 0.0 | 0 | |
| 05/14 | 72.1 | >min | 0.03 | 8.0 | 0.8 | 0.0 | 1 | Possible Infection |
| 05/15 | 72.0 | >min | 0.80 | 19.3 | 15.5 | 0.0 | 1 | Possible Infection |
| 05/16 | 74.1 | >min | 0.01 | 11.3 | 12.3 | 1.0 | 3 | High Risk of Infection |
| 05/17 | 72.3 | >min | | | 0.0 | 0.0 | 0 | |
| 05/18 | 76.1 | >min | | 6.0 | 1.5 | 0.0 | 1 | Possible Infection |
| 05/19 | 85.1 | >min | | 4.5 | 1.0 | 0.0 | 1 | Possible Infection |
| 05/20 | 85.6 | >min | | 2.8 | 0.0 | 0.0 | 0 | |
| 05/21 | 72.1 | >min | 0.02 | 7.0 | 5.3 | 1.5 | 3 | High Risk of Infection |
| 05/22 | 67.8 | >min | 0.30 | 22.3 | 22.5 | 4.3 | 3 | High Risk of Infection |
| 05/23 | 79.9 | >min | | 8.8 | 8.8 | 0.0 | 1 | Possible Infection |
| 05/24 | 77.0 | >min | | 7.8 | 8.0 | 0.0 | 1 | Possible Infection |

Windsor Powdery Mildew - Grape From 2012-05-11 To 2012-05-24

| Date | Temperature | | Hours 70-85 | Hours >95 | Wet Hours | Ascospore Infection | Conidial Index |
|-------|-------------|------|----------------|--------------|--------------|------------------------|-------------------|
| | High | Mean | | | | | |
| 05/11 | 68.0 | 57.4 | 0.0 | 0.0 | 0.0 | | |
| 05/12 | 81.1 | 62.5 | 9.0 | 0.0 | 3.8 | | |
| 05/13 | 84.1 | 67.4 | 10.8 | 0.0 | 1.0 | | |
| 05/14 | 72.1 | 64.7 | 2.0 | 0.0 | 7.8 | | |
| 05/15 | 72.0 | 62.3 | 1.0 | 0.0 | 19.0 | Heavy | |
| 05/16 | 74.1 | 66.5 | 5.8 | 0.0 | 11.3 | Heavy | |
| 05/17 | 72.3 | 60.7 | 3.8 | 0.0 | 0.0 | | |
| 05/18 | 76.1 | 59.6 | 6.3 | 0.0 | 5.8 | | |
| 05/19 | 85.1 | 64.7 | 9.5 | 0.0 | 4.5 | | |
| 05/20 | 85.6 | 67.3 | 5.0 | 0.0 | 2.8 | | |
| 05/21 | 72.1 | 62.8 | 1.8 | 0.0 | 6.8 | | |
| 05/22 | 67.8 | 64.5 | 0.0 | 0.0 | 22.3 | Heavy | |
| 05/23 | 79.9 | 68.7 | 10.3 | 0.0 | 8.8 | Heavy | |
| 05/24 | 77.0 | 65.4 | 3.3 | 0.0 | 7.8 | | |

WindsorPhomopsis Cane+Leaf Spot - Grape From 2012-05-11 To 2012-05-24

| Date | Temp Mean | Wet Hours | Rain- Fall | Wet+ Rain | Wet Temp | Disease Intensity | |
|-------|--------------|--------------|---------------|--------------|-------------|-------------------|-------------|
| | | | | | | Catawba | Seyval |
| 05/11 | 57.4 | 0.0 | 0.00 | 0.0 | 0.0 | 0 | 0 |
| 05/12 | 62.5 | 2.3 | 0.00 | 0.0 | 0.0 | 0 | 0 |
| 05/13 | 67.4 | 1.5 | 0.00 | 0.0 | 0.0 | 0 | 0 |
| 05/14 | 64.7 | 9.3 | 0.03 | 1.0 | 62.0 | 2 Light | 6 Light |
| 05/15 | 62.3 | 19.3 | 0.80 | 20.0 | 61.1 | 122 High | 142 High |
| 05/16 | 66.5 | 11.8 | 0.01 | 21.8 | 62.3 | 140 High | 160 High |
| 05/17 | 60.7 | 0.3 | 0.00 | 0.0 | 0.0 | 0 | 0 |
| 05/18 | 59.6 | 7.0 | 0.00 | 0.0 | 0.0 | 0 | 0 |
| 05/19 | 64.7 | 5.0 | 0.00 | 0.0 | 0.0 | 0 | 0 |
| 05/20 | 67.3 | 3.8 | 0.00 | 0.0 | 0.0 | 0 | 0 |
| 05/21 | 62.8 | 7.0 | 0.02 | 6.5 | 65.9 | 25 Light | 48 Moderate |
| 05/22 | 64.5 | 23.8 | 0.30 | 24.3 | 64.9 | 164 High | 186 High |
| 05/23 | 68.7 | 9.0 | 0.00 | 0.0 | 0.0 | 0 | 0 |
| 05/24 | 65.4 | 8.3 | 0.00 | 0.0 | 0.0 | 0 | 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