

Newport RI Black Rot - Grape From 2010-07-22 To 2010-07-29

| Date | High Temp | Low Temp | Wet Hours | Daily Risk | Warning |
|-------|-----------|----------|-----------|------------|----------------|
| 07/22 | 86.7 | 66.1 | | 0.00 | |
| 07/23 | 76.2 | 62.4 | 11.8 | 1.96 | Infection Risk |
| 07/24 | 91.4 | 72.0 | 12.0 | 3.18 | Infection Risk |
| 07/25 | 92.1 | 71.6 | 9.5 | 1.86 | Infection Risk |
| 07/26 | 86.0 | 62.1 | | 0.00 | |
| 07/27 | 89.0 | 61.8 | | 0.00 | |
| 07/28 | 83.6 | 66.1 | 3.0 | 0.47 | |
| 07/29 | 73.2 | 71.7 | 5.0 | 1.33 | Infection Risk |

Newport RI Botrytis - Grape From 2010-07-22 To 2010-07-29

| Date | High Temp | Low Temp | Wet Hours | RH>95 Hours | Daily Risk | Warning |
|-------|-----------|----------|-----------|-------------|------------|-------------------------|
| 07/22 | 86.7 | 66.1 | | | 0.00 | |
| 07/23 | 76.2 | 62.4 | 11.8 | 7.5 | 0.28 | Low Infection Risk |
| 07/24 | 91.4 | 72.0 | 12.0 | 16.5 | 0.98 | Moderate Infection Risk |
| 07/25 | 92.1 | 71.6 | 9.5 | 7.8 | 0.00 | |
| 07/26 | 86.0 | 62.1 | | | 0.00 | |
| 07/27 | 89.0 | 61.8 | | | 0.00 | |
| 07/28 | 83.6 | 66.1 | 3.0 | 2.8 | 0.00 | |
| 07/29 | 73.2 | 71.7 | 5.0 | 5.0 | 0.00 | |

Newport RI Downy Mildew - Grape From 2010-07-22 To 2010-07-29

| Date | High Temp | Deg Hrs43 | Rain Fall | Wet Hours | Hours>95%RH 43-86 | 66-77 | Risk | Warning |
|-------|-----------|-----------|-----------|-----------|-------------------|-------|------|------------------------|
| 07/22 | 86.7 | | | | 0.0 | 0.0 | 0 | |
| 07/23 | 76.2 | 0.0 | 0.80 | 11.8 | 4.8 | 4.8 | 1 | Primary Infection |
| 07/24 | 91.4 | >min | 0.01 | 12.0 | 14.8 | 13.5 | 3 | High Risk of Infection |
| 07/25 | 92.1 | >min | 0.01 | 9.5 | 7.5 | 7.5 | 3 | High Risk of Infection |
| 07/26 | 86.0 | >min | 0.01 | | 0.0 | 0.0 | 0 | |
| 07/27 | 89.0 | >min | | | 0.0 | 0.0 | 0 | |
| 07/28 | 83.6 | >min | | 3.0 | 0.0 | 0.0 | 0 | |
| 07/29 | 73.2 | >min | | 5.0 | 2.5 | 2.5 | 3 | High Risk of Infection |

Newport RI Powdery Mildew - Grape From 2010-07-22 To 2010-07-29

| Date | Temperature | | Hours | Hours | Wet | Ascospore | Conidial |
|-------|-------------|------|-------|-------|-------|-----------|-----------|
| | High | Mean | 70-85 | >95 | Hours | Infection | Index |
| 07/22 | 86.7 | 75.8 | 6.3 | 0.0 | 0.0 | | |
| 07/23 | 76.2 | 69.7 | 7.5 | 0.0 | 11.8 | | |
| 07/24 | 91.4 | 77.7 | 23.8 | 0.0 | 11.8 | Heavy | 60 Heavy |
| 07/25 | 92.1 | 79.4 | 18.0 | 0.0 | 8.8 | | 80 Heavy |
| 07/26 | 86.0 | 74.5 | 15.0 | 0.0 | 0.0 | | 100 Heavy |
| 07/27 | 89.0 | 75.6 | 12.8 | 0.0 | 0.0 | | 100 Heavy |
| 07/28 | 83.6 | 75.7 | 18.3 | 0.0 | 2.5 | | 100 Heavy |
| 07/29 | 73.2 | 72.5 | 7.3 | 0.0 | 4.3 | | 100 Heavy |

Newport RI Phomopsis Cane+Leaf Spot - Grape From 2010-07-22 To 2010-07-29

| Date | Temp | Wet | Rain- | Wet+ | Wet | Disease Intensity | |
|-------|------|-------|-------|------|------|-------------------|-------------|
| | Mean | Hours | Fall | Rain | Temp | Catawba | Seyval |
| 07/22 | 75.8 | 0.0 | 0.00 | 0.0 | 0.0 | 0 | 0 |
| 07/23 | 69.7 | 13.0 | 0.80 | 10.0 | 69.6 | 42 Moderate | 74 Moderate |
| 07/24 | 77.7 | 13.3 | 0.01 | 17.8 | 71.4 | 89 Moderate | 131 High |
| 07/25 | 79.4 | 12.0 | 0.01 | 0.5 | 75.4 | 0 Light | 3 Light |
| 07/26 | 74.5 | 0.0 | 0.01 | 0.0 | 0.0 | 0 | 0 |
| 07/27 | 75.6 | 0.0 | 0.00 | 0.0 | 0.0 | 0 | 0 |
| 07/28 | 75.7 | 3.8 | 0.00 | 0.0 | 0.0 | 0 | 0 |
| 07/29 | 72.5 | 7.0 | 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