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Cranberry Fruit Rot Fungicide Scenarios

Erika Saalau Rojas
esaalau@umass.edu

Peter Oudemans

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# Cranberry Fruit Rot Fungicide Scenarios

## Fungicide scenerios w and w/o Bravo

<table>
<thead>
<tr>
<th>Bravo scenarios w and w/o Bravo</th>
<th>No Bravo scenarios</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bravo</strong></td>
<td><strong>No Bravo</strong></td>
</tr>
<tr>
<td>At bloom every 7-10 days:</td>
<td>At bloom every 7-10 days:</td>
</tr>
<tr>
<td>1. Indar/Abound</td>
<td>1. Indar/Abound</td>
</tr>
<tr>
<td>2. Indar/Abound</td>
<td>2. Indar/Abound</td>
</tr>
<tr>
<td><strong>Out of bloom every 10-14 days:</strong></td>
<td><strong>Out of bloom every 10-14 days:</strong></td>
</tr>
<tr>
<td>5. Bravo</td>
<td>5. Bravo</td>
</tr>
</tbody>
</table>

- **Bravo can cause phytotoxicity if applied during bloom period. Program should not be used if MRLs are a concern.**

- **Mancozeb (Dithane & Manzate) can affect TAcy. Efficacy data for Tavano are only available for NJ.**

## Risk factors

**High- Moderate**

- Region (NJ and MA)
- High fruit rot incidence
- Newly established bed
- Susceptible varieties
- Fresh fruit market
- High yield (>350 bbl/acre)
- Frequent scald conditions

**Moderate**

- Region (NJ, MA, OR, WA, WI, and BC)
- Moderate fruit rot incidence
- Resistant varieties
- Sporadic scald conditions

**Low**

- Region (WI and QC)
- Low fruit rot incidence
- Resistant varieties
- Rare scald conditions

## Questions?

### New Jersey

Peter V. Oudemans
Marucci Center for Research
Rutgers University
oudemans@rutgers.edu
Phone: 609-204-2371

### Massachusetts

Erika Saalau Rojas
Cranberry Station
UMass-Amherst
esaalau@umass.edu
Phone: 508-295-2212 Ext. 18 & 19

### Wisconsin

Patricia McManus
University of Wisconsin-Madison
psm@plantpath.wisc.edu
Phone: 608-265-2047

### Washington

Kim Patten
Washington State University Extension
pattenk@wsu.edu
Phone: 360-642-2031

## Fungicide application overview

- Adequate fruit rot control can be achieved by timing fungicide applications during key periods of cranberry development (see figure to the left).

- Fungicide applications 1-3 are considered critical for adequate fruit rot control, whereas additional applications (4-5) will depend on disease pressure and risk factors.

- The scenarios below were developed considering fungicide restrictions, efficacy, phytotoxicity, and fungicide resistance management.

## Expect fruit rot control to decrease by 50% when compared to approaches listed above.

**FRAC 3 and 11 only**

<table>
<thead>
<tr>
<th>Option 1</th>
<th>Option 2</th>
<th>Option 3</th>
<th>Option 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Indar/Abound</td>
<td>1. Proline/Abound</td>
<td>1. Indar/Abound</td>
<td>1. Proline/Abound</td>
</tr>
<tr>
<td>2. Indar/Abound</td>
<td>2. Proline/Abound</td>
<td>2. Indar/Abound</td>
<td>2. Proline/Abound</td>
</tr>
</tbody>
</table>

- For more information about other products and region-specific fruit rot recommendations, please contact your local Extension Plant Pathologist or Cranberry Specialist.