Strawberry Disease Management: Fungicides for Fruit Pathogens

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Monterey County
Foliar
• Angular leaf spot
• Anthracnose
• Common leaf spot
• Phomopsis leaf bl.
• Leaf blotch
• Powdery mildew

Fruit
• Gray mold
• Anthracnose
• Rhizopus rot
• Mucor rot
• Leather rot
• Powdery mildew
Foliar

• Angular leaf spot
• Anthracnose
• Common lf spot
• Phomopsis lf bl.
• Leaf blotch
• Powdery mildew

Fruit

• Gray mold
• Anthracnose
• Rhizopus rot
• Mucor rot
• Leather rot
• Powdery mildew
Botrytis / gray mold
Rhizopus
Mucor
Colletotrichum / anthracnose
Fungicides for fruit rots

• Field trial (3 reps, 4 apps, 150 gal/A)
• Harvest fruit: yield and cull weights
• Two post-harvest incubations:
  – Plastic boxes
  – Room temperature
  – *Botrytis, Rhizopus, Mucor* counts
<table>
<thead>
<tr>
<th>Treatment/acre</th>
<th>% Botrytis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Untreated</td>
<td>66.5</td>
</tr>
<tr>
<td>WRG 400 g</td>
<td>41.6</td>
</tr>
<tr>
<td>Elevate 1.5 lb</td>
<td>36.5</td>
</tr>
<tr>
<td>Picoxy 6 fl oz</td>
<td>35.2</td>
</tr>
<tr>
<td>Fontelis 14 fl oz</td>
<td>33.3</td>
</tr>
<tr>
<td>Treatment/acre</td>
<td>% Rhiz/Mucor</td>
</tr>
<tr>
<td>------------------------</td>
<td>--------------</td>
</tr>
<tr>
<td>Untreated</td>
<td>25.1</td>
</tr>
<tr>
<td>Q8Y 18 fl oz</td>
<td>17.8</td>
</tr>
<tr>
<td>V10135 6 fl oz</td>
<td>16.4</td>
</tr>
<tr>
<td>Fontelis 24 fl oz</td>
<td>16.3</td>
</tr>
<tr>
<td>2200 6 fl oz</td>
<td>10.3</td>
</tr>
<tr>
<td>2200 12 fl oz</td>
<td>11.6</td>
</tr>
<tr>
<td>Picoxy 12 fl oz</td>
<td>9.3</td>
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<tr>
<td>Pristine 18.5 oz</td>
<td>0.0</td>
</tr>
</tbody>
</table>
Acknowledgments

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