Provysol™ Fungicide Potato, Tuberous and Corm Vegetable Use Technical Profile

<table>
<thead>
<tr>
<th>Target Diseases</th>
<th>Use Rate (fl oz/A)</th>
<th>Crop List</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Single Application</td>
<td>Season Total</td>
</tr>
<tr>
<td>Early Blight, Brown Spot, and Black Dot</td>
<td>3-5</td>
<td>Tuberous and Corm Vegetables (Subgroup 1C): Arracacha; Arrowroot; Artichoke, Chinese Artichoke, Jerusalem; Canna, Edible; Cassava, Bitter and Sweet; Chayote (Root); Chufa; Dasheen (Taro); Ginger; Leren; Potato; Sweet Potato; Tanier; Tumeric; Yam Bean; Yam, True Yam</td>
</tr>
</tbody>
</table>

Active Ingredient:
Mefentrifluconazole

Chemistry Class:
Isopropanol azole

Mode of Action:
Demethylation inhibition
FRAC Group 3 (DMI)

Formulation:
Suspension concentrate 3.34 lbs a.i./gal

Strong Potato Early Blight Control That Lasts

Application Tips
- Provysol fungicide should be applied preventively, prior to disease onset
- Thorough and uniform coverage for best performance
- Rainfast 1 hour after spray has dried

Pre-Harvest Interval: 7 days
Minimum Retreatment Interval: 7 days

2018 NDSU Inkster, ND. All treatments sequential applications with O-Si blended adjuvant 0.05%.
BASF sponsored trial. Photo credit, Scott Fitterer, BASF.
Provysol™ Fungicide – Built to Last

**Residual Control:** Provysol fungicide provides better and longer lasting control of potato early blight than the industry standard early blight fungicides

**Resistant Diseases:** The isopropanol azole link in Provysol fungicide allows its a.i. molecule to flex for better control of resistant fungal strains
  - Stronger site of action enzyme attachment
  - Custom shape for better fit in the enzyme binding pocket

**Provysol Fungicide for Extended Residual Control of Potato Early Blight**

<table>
<thead>
<tr>
<th>% Early Blight Severity</th>
<th>Untreated</th>
<th>7/10-Day Intervals</th>
<th>14/15-Day Intervals</th>
<th>20/21-Day Intervals</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>44</td>
<td>8.4</td>
<td>4.5</td>
<td>14.6</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5.4</td>
<td>7.6</td>
<td>17.2</td>
</tr>
</tbody>
</table>

All 2018 Trials (n=6)

- Luna Tranquility 11 fl oz
- Provysol fungicide 3 fl oz

2018 six total trials, ND = 3, WA = 2, ID = 1. All treatments sequential applications with O-Si blended adjuvant 0.05%. BASF sponsored trials.

**Provysol Fungicide Contains Revysol® Fungicide – The First and Only Isopropanol Azole**

Isopropanol link is unique to Revysol fungicide

The Revysol fungicide isopropanol link can flex to maximize binding pocket fit and control diseases despite their variability.

To learn more about crop protection products from BASF, visit www.agproducts.basf.us

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Always read and follow label directions. Provysol fungicide may not be registered for sale or use in all states. Please check with your state or local Extension Service. Refer to label for registered uses. It is a violation of Federal law to use a product in a manner inconsistent with its labeling. Revysol is a registered trademark and Provysol is a trademark of BASF. Luna is a registered trademark of Bayer Aktiengesellschaft. ©2019 BASF. All Rights Reserved. APN# 1910005 Provysol-Potato-Tuberous-Corn-Vegetables-2019