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

**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

**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

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### Target Diseases

<table>
<thead>
<tr>
<th>Use Rate (fl oz/A)</th>
<th>Crop List</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Single Application</strong></td>
<td><strong>Season Total</strong></td>
</tr>
<tr>
<td>3-5</td>
<td>15</td>
</tr>
</tbody>
</table>

- Early Blight, Brown Spot, and Black Dot
- 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; Tadier; Tumeric; Yam Bean; Yam, True Yam

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**Strong Potato Early Blight Control That Lasts**

2018 NDSU Inkster, ND. All treatments sequential applications with O-Si blended adjuvant 0.05%.
BASF sponsored trial. Photo credit, Scott Fitterer, BASF.

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**BASF**
We create chemistry
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>5.4</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