Xanthion™
In-Furrow Fungicide

In-Furrow Application in Corn: Laying the Foundation for Success

Benefits of Xanthion™ Fungicide Applied In-Furrow
- Controls soilborne diseases like Rhizoctonia and Fusarium spp. and suppresses Pythium spp.
- Enhances root growth, seedling vigor and cold tolerance
- Complementary biological and chemical modes of action deliver longer lasting residual disease control

Xanthion Fungicide In-Furrow Rate, depending on row spacing. See Below.

### Xanthion Fungicide In-Furrow Rate Chart

<table>
<thead>
<tr>
<th>Rate per Acre</th>
<th>Rate per 1000 row feet (fl ozs)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>20-Inch rows</td>
</tr>
<tr>
<td>0.6 to 1.2 fl ozs Component A</td>
<td>0.023 to 0.046</td>
</tr>
<tr>
<td>3.0 to 6.0 fl ozs Component B</td>
<td>0.115 to 0.230</td>
</tr>
</tbody>
</table>

Always maintain a 1:5 ratio of Xanthion fungicide Component A to Xanthion fungicide Component B.

---

**General Information**
- Xanthion fungicide is a co-package of two liquid products (one biological and one chemical)
- A direct injection unit with a recirculation pump is recommended for the most uniform mixing of ingredients and application. A minimum of 2.5 gal/A is required for application.
- Maintain constant agitation throughout mixing and application

**Target Diseases**
- Rhizoctonia solani, Fusarium spp, and Pythium spp. (suppression)

**Best Use Recommendations**
- Use Rate: 3.6 to 7.2 fl oz/A
- Xanthion fungicide Component A (EPA registered biological – Group 44): 0.6 to 1.2 fl oz/A
- Xanthion fungicide Component B (the same active ingredient as Headline® Fungicide – Group 11): 3 to 6 fl oz/A

---

150 years
We create chemistry
### Complementary Biological and Chemical Modes of Action Offer Extended Residual Disease Control

Xanthion™ fungicide Component B provides immediate chemical control once in soil solution; while the biological ingredients in Xanthion fungicide Component A grow and develop on the roots over time to provide additional protection against soil-borne pathogens.

### Benefits of Aventine™ Complete Applied In-Furrow in Corn

- Aventine Complete contains a broad range of nutrients that are necessary to enhance plant growth, increase early season root development, and correct nutrient deficiencies to maximize yield potential.
- Superior chelation technology to provide nutrients to plants
- Insignificant risk of seedling root burn and stand reduction at recommended rate

### Aventine Complete Best Use Recommendations

**Convenience**
- Aventine Complete formulation is nutrient balanced and efficient
- Low Use Rate: 1 to 5 GPA
- 3 gallons of Aventine Complete provides an equivalent to 1.2 qt of high quality 9% EDTA chelated zinc and the equivalent of 1 lb Soygreen®

**Tankmix Partner**
- Add Xanthion fungicide for soilborne disease control and increased plant health

### Principal Functioning Agents

- Total Nitrogen (N) ..................................................... 6.0%
- Phosphorus (P) ..................................................... 12.0%
- Potassium (K) ..................................................... 2.0%
- Zinc (Zn) .......................................................... 1.0%
- Iron (Fe) ........................................................... 0.3%
- Manganese (Mn) .................................................. 0.05%
- Copper (Cu) ..................................................... 0.05%

---

**Always read and follow label directions**

Headline is a registered trademark and Xanthion is a trademark of BASF Corporation. Aventine Complete is a trademark of CHS Inc. Soygreen is a registered trademark of Lab JAER and is distributed exclusively by West Central. ©2015 BASF Corporation. All Rights Reserved. APN# 1410001 Xanthion-Aventine Complete-In-Furrow Corn

For more information on BASF Crop Protection products, visit agproducts.basf.us

---

**Faster Emergence, Better Plant Health**

1. Untreated, Inoculated 2. Xanthion fungicide (7.2 fl oz/A), Inoculated. Plants inoculated with *Rhizoctonia solani* at planting. Photo 5 DAP.