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

Benefits of Xanthion™ Fungicide Applied In-Furrow

- Controls *Rhizoctonia* spp. 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.

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

BASF

We create chemistry
Benefits of Redline® Applied In-Furrow in Corn

- Redline will increase early season root development and enhance plant growth to maximize yield potential
- Superior chelation technology to provide nutrients to plants
- Insignificant risk of seedling root burn and stand reduction at recommended rate

Redline Best Use Recommendations

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

**Tankmix Partner**
- Apply Xanthion™ fungicide using a direct injection unit with a recirculation pump

**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%

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.

1. Untreated, Inoculated
2. Xanthion fungicide (7.2 fl oz/A), Inoculated.

Plants inoculated with Rhizoctonia solani at planting.