

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			
Rate per Acre	Rate per 1000 row feet (fl ozs)		
	20-Inch rows	30-Inch rows	36-Inch rows
0.6 to 1.2 fl ozs Component A	0.023 to 0.046	0.034 to 0.069	0.041 to 0.083
3.0 to 6.0 fl ozs Component B	0.115 to 0.230	0.172 to 0.344	0.207 to 0.413

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

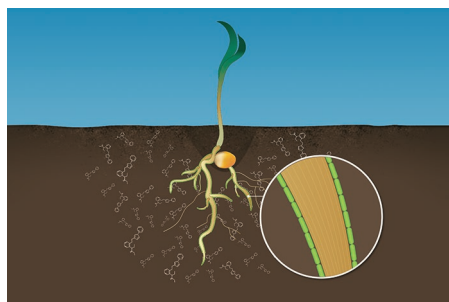


150 years

 **BASF**

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

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Aventine Complete is a trademark of CHS Inc.

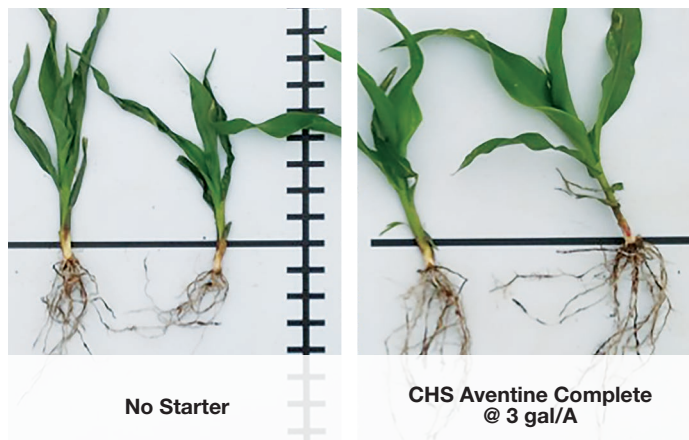
Soygreen is a registered trademark of Lab JAER and is distributed exclusively by West Central.

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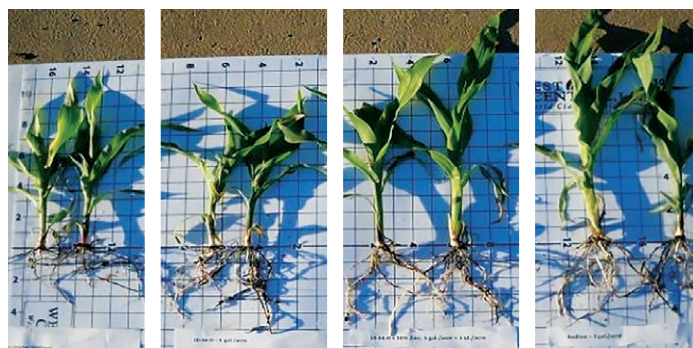
For more information on BASF Crop Protection products, visit agproducts.basf.us

Xanthion™
In-Furrow Fungicide

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.



No Starter 10-34-0 @ 3 gal/A 10-34-0 + Zinc @ 3 gal + 1 qt/A CHS Aventine Complete @ 3 gal/A

CHS **AVENTINE**
COMPLETE

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