Xanthion™

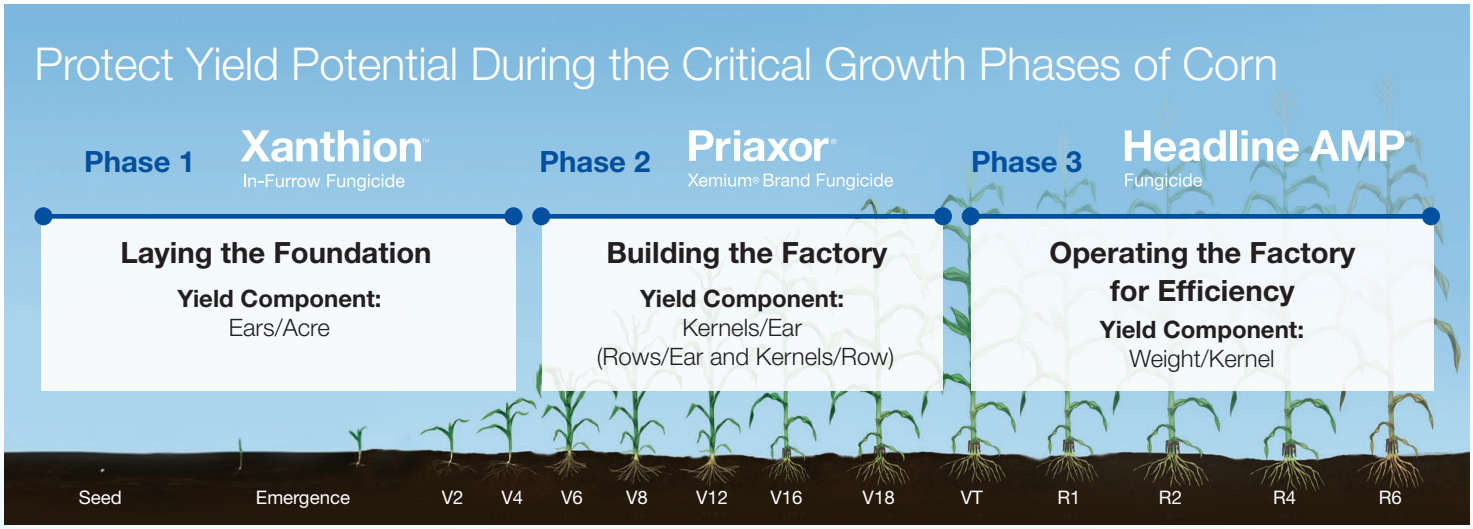
In-Furrow Fungicide

In-Furrow Application in Corn: Part of a Complete Plant Health Program

Uneven Emergence Can Be Costly and Leads to Yield Loss

BASF Research Trial. Seymour, IL 2012. When 1 out of every 6 plants was delayed in emergence by 2.5, 5 and 7 days, corresponding yield reductions were 6, 12 and 18 bu/A.

Protect Yield Potential During the Critical Growth Phases of Corn



Yield = Ears/Acre x Kernels/Ear x Weight/Kernel

150 years

BASF
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Technical Information Bulletin

Benefits of Xanthion™ Fungicide

- Controls *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

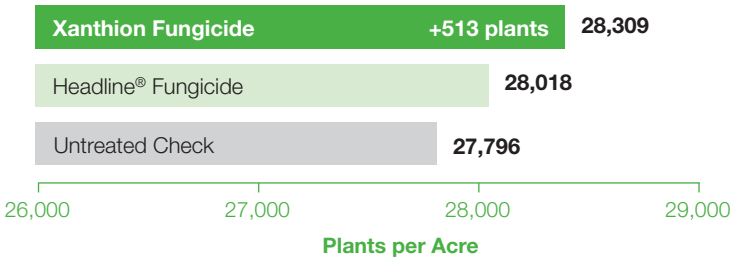
Rhizoctonia Challenge Results

Xanthion™ Fungicide Applied In-Furrow in Corn

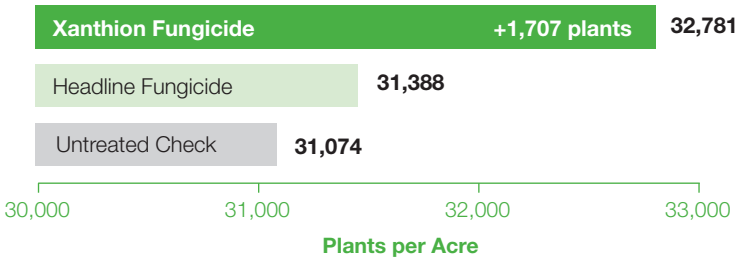
1. Untreated, Inoculated **2.** Headline fungicide (6 fl oz/A), Inoculated
3. Xanthion fungicide (7.2 fl oz/A), Inoculated.
Plants inoculated with *Rhioctonia solani* at planting.

Field Research Results: Increased Emergence Xanthion Fungicide Applied In-Furrow in Corn

7 – 14 Days After Planting



21 Days After Planting



BASF Field Research Trials, 2014. Stand Counts, 30" rows: 4 sites (IN, AR, LA. NC)
Headline fungicide was applied at 3 fl oz/A and Xanthion fungicide was applied at 3.6 fl oz/A.

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

General Guidelines

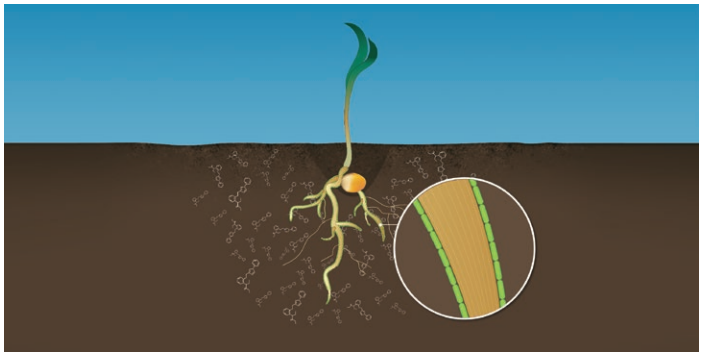
- Always maintain a 1:5 ratio of Xanthion fungicide Component A to Xanthion fungicide Component B
- A direct injection unit with a recirculation pump is recommended for the most uniform mixing of ingredients and application.

General Information

- Xanthion fungicide is a co-package of two liquid products (one biological and one chemical)
- Maintain constant agitation throughout mixing and application

BASF has not tested all possible tank mix combinations and rates of additives. Physical incompatibility, reduced disease control, crop injury or incompatibility due to additives or other products used in combination with Xanthion fungicide can result.

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.

Xanthion™
In-Furrow Fungicide

Always read and follow label directions

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