

# ETHOS<sup>®</sup> XB

## NEXT GENERATION IN-FURROW PROTECTION

INSECTICIDE / FUNGICIDE

**Zone of Production™: First, establish a strong, healthy, consistent plant stand. Then maximize roots and plant health to improve yields**

### Key Insects Controlled

Rootworms  
Wireworms  
Seedcorn maggots  
Grubs  
Cutworms  
Stalkborers  
Armyworms

### Crops

Field corn  
Popcorn  
Seed corn  
Sweet corn  
Soybeans  
Potatoes  
Dries beans and peas  
Succulent Peas and beans

### Key Diseases

*Pythium*  
*Fusarium*  
*Rhizoctonia*  
*Phytophthora*

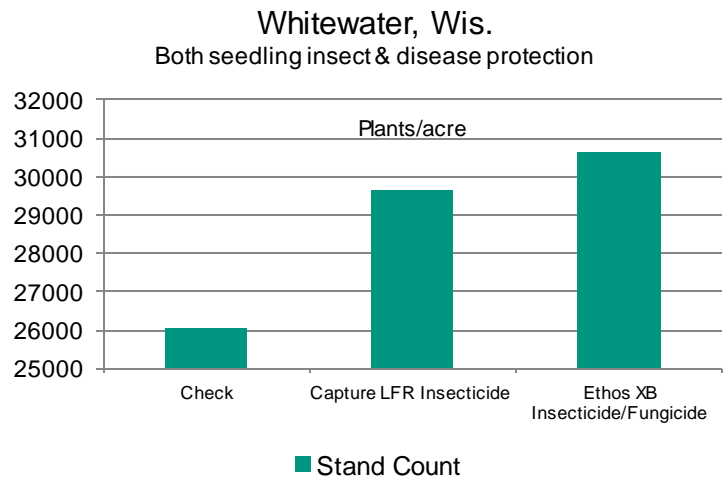
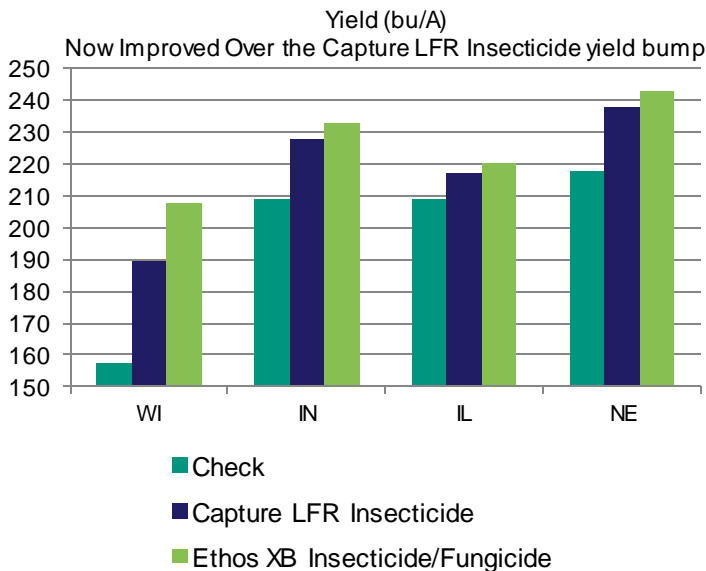
### Guidelines for Use



Same LFR® (Liquid Fertilizer Ready) formulation technology as used in the market leading Capture® LFR® Insecticide. Mix with starter fertilizer or water. Prefill tank ½ full with fertilizer or water, add Ethos® XB Insecticide/Fungicide, agitate and then add the remaining fertilizer or water. Add secondary, micronutrients and other soil amendments only after Ethos XB Insecticide/Fungicide is completely mixed in solution.

Additional Info: Store at temperatures below 95 degrees F. IRAC Group 3 insecticide, FRAC Group 44 fungicide. 12 hour REI.

Use Rate(s) Expressed in Fluid Ounces per Acre	30" Row	20" Row	15" Row Spacing
<b>Corn Rootworm Larvae</b> and suppression of seedling disease caused by <i>Pythium</i> , <i>Rhizoctonia</i> , <i>Fusarium</i> or <i>Phytophthora</i>	8.5	12.8	17
<b>Seedling Insects</b> (wireworms, grubs, cutworms, seedcorn maggots, seed corn beetles and sugarcane beetles) and suppression of seedling disease caused by <i>Pythium</i> , <i>Rhizoctonia</i> , <i>Fusarium</i> or <i>Phytophthora</i>	4	6	8



**Ethos XB Insecticide/Fungicide and Capture LFR Insecticide are Restricted Use Pesticides**

Always read and follow directions. FMC, Capture, LFR, Ethos, and Zone of Production are trademarks and Investing in farming's future is a service mark of FMC Corporation or an affiliate. ©2015 FMC Corporation. All rights reserved.

# ETHOS<sup>®</sup> XB

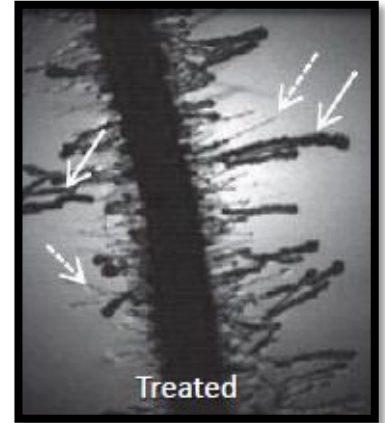
INSECTICIDE / FUNGICIDE

## NEXT GENERATION IN-FURROW PROTECTION

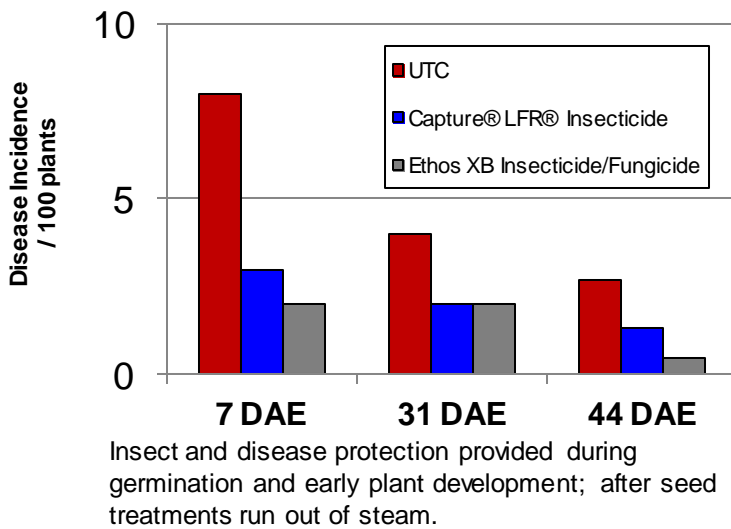
Zone of Production™: Biological fungicide activity in Ethos<sup>®</sup> XB Insecticide/Fungicide

Ethos XB Insecticide/Fungicide contains a specific strain of *Bacillus amyloliquefaciens*, a naturally occurring organism with fungicidal properties

- Antifungal lipopeptides form during fermentation
- Additional lipopeptides produced as spores germinate and colonize roots
- Biofilm colonizes root hairs, grows along with the root structure building a defensive barrier to infection from pathogens
- Seedlings emerge more uniformly and with the vigor to optimize productivity
- A key component of early root colonization is spore inoculation
- At the 6.8-oz rate of product, roughly 2 trillion spores are delivered per acre



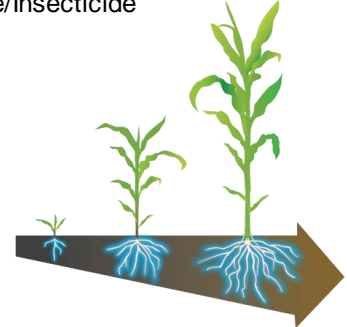
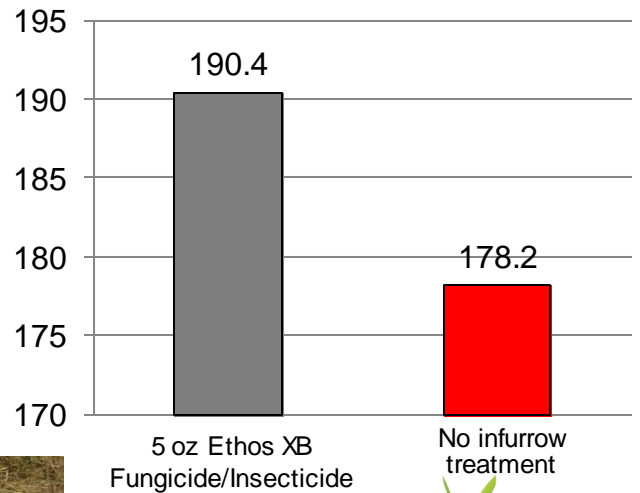
*Pythium* damping off  
2014 - Whitewater, Wis.



Wyoming, IL - 2015



On Farm Corn Yield  
King and Queen County, VA -  
2016



Ethos XB Insecticide/Fungicide and Capture LFR Insecticide are Restricted Use Pesticides

Always read and follow directions. FMC, Capture, LFR, Ethos, and Zone of Production are trademarks and Investing in farming's future is a service mark of FMC Corporation or an affiliate. ©2015 FMC Corporation. All rights reserved.