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

**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

<table>
<thead>
<tr>
<th>Insects/Microorganisms</th>
<th><strong>30&quot; Row</strong></th>
<th><strong>20&quot; Row</strong></th>
<th><strong>15&quot; Row</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Corn Rootworm Larvae and suppression of seedling disease caused by <em>Pythium</em>, <em>Rhizoctonia</em>, <em>Fusarium</em> or <em>Phytophthora</em></td>
<td>8.5</td>
<td>12.8</td>
<td>17</td>
</tr>
<tr>
<td>Seedling Insects (wireworms, grubs, cutworms, seedcorn maggots, seed corn beetles and sugarcane beetles) and suppression of seedling disease caused by <em>Pythium</em>, <em>Rhizoctonia</em>, <em>Fusarium</em> or <em>Phytophthora</em></td>
<td>4</td>
<td>6</td>
<td>8</td>
</tr>
</tbody>
</table>

### Yield (bu/A)

Now Improved Over the Capture LFR Insecticide yield bump

### Key Diseases
- Pythium
- Fusarium
- Rhizoctonia
- Phytophthora

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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.

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

- Disease Incidence / 100 plants
- UTC
- Capture® LFR® Insecticide
- Ethos XB Insecticide/Fungicide

Insect and disease protection provided during germination and early plant development; after seed treatments run out of steam.

**Wyoming, IL - 2015**
- Fertilizer 5 gal/A
- ETHOS XB LFR insecticide 8.5 oz/A + Fertilizer 5 gal/A

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