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- Capture® LFR® insecticide: The Standard Liquid Soil Insecticide
- ETHOS® XB insecticide/fungicide: Next Generation Soil Insecticide

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Stand Count = Yields = Profitability

Protecting your investment in seed corn means protecting stands and attaining maximum yields. Historically, Capture® LFR® insecticide has protected stands as shown in the 2012 - 2014 data in all but a few trials (RIGHT – SEE CHARTS). Stand increases of 2,000 + plants are quite common, and we know for every 1,000 plants that equals a 6–8 bushel increase in yields. Capture® LFR® insecticide often delivered an 8-11 bu yield increase or more! An 8 – 11 bu yield increase means $30 – 45/A ($4.00/BU corn) – all because Capture® LFR® insecticide protected the corn stand and roots from soil insect feeding. Investment in Capture® LFR® insecticide is $8 to $18 with a return on investment (ROI) ranging from 3:1 to 5:1. CAPTURE® LFR® INSECTICIDE IS ONE OF THE BEST INPUT INVESTMENTS A CORN PRODUCER CAN MAKE IN 2017.

Historically Consistent Data

Use Capture® LFR® insecticide to avoid costly downtime for troubleshooting and cleaning liquid insecticide/fertilizer planter systems. Capture® LFR® insecticide is a patented formulation for use over any seed treatment with liquid fertilizers and fungicides protecting and feeding roots. The result is increased yields and greater profitability.

Mixes easily with liquid fertilizer or water

Imitations have limitations and more...

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Controlling Seedling Pests Is Profitable

2012 Observing the Number of White Grubs & Wireworms per 5 Corn Plants and Yields* in a Spring Plowed Pasture with various rates Capture® LFR® insecticide

<table>
<thead>
<tr>
<th>Capture® LFR® Insecticide</th>
<th>Yield Bu/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>8.5 oz</td>
<td>167.1</td>
</tr>
<tr>
<td>6.4 oz</td>
<td>166.3</td>
</tr>
<tr>
<td>4.0 oz</td>
<td>161.5</td>
</tr>
<tr>
<td>Untreated Check</td>
<td>143.6</td>
</tr>
</tbody>
</table>

* Treatment replicate plot size was 1.2 Acres
January 24, 2017

**CAPTURE® LFR® INSECTICIDE: THE STANDARD LIQUID SOIL INSECTICIDE**

Controls Tougher Pests

At right is a sampling of Capture® LFR insecticide trial results showing the results of controlling tougher seedling pests and corn rootworms. Capture® LFR insecticide is an effective tool for protecting various insecticidal traits of seedling pests. Protecting the stand, increasing corn yields results in greater profit to the grower.

**ETHOS XB insecticide/fungicide** is an LFR®, Liquid Fertilizer Ready, formulation of bifenthrin insecticide + *Bacillus amyloliquefaciens* strain D747 biological fungicide.

- The bacteria colonize the roots forming a protective biofilm that acts as a defensive barrier against pathogens and grows and expands with the root system.
- Anti-fungal lipopeptides are formed as spores germinate and colonize in the soil.
- Anti-fungal metabolites are secreted that compromise the cell membranes and cell walls of specific pathogens.
- Labeled for suppression of *Pythium*, *Rhizoctonia*, *Fusarium* and *Phytophthora*.

**2016 Soil Insecticide Trial Comparing Ethos® XB insecticide/fungicide 6.4 oz. with/without 10-34-0 applied as a T-Band In-Furrow Effect Upon Yield and Stand Count** (Replicated Commercial Trial – Minerva, OH)

<table>
<thead>
<tr>
<th>Yield (Bu/A)</th>
<th>Ethos® XB insecticide/fungicide 6.4 oz. T-Band + 4.2 gal 10-34-0</th>
<th>Ethos® XB insecticide/fungicide 6.4 oz. T-Band + 4.2 gal water</th>
<th>Untreated</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>151.8</td>
<td>149.7</td>
<td>141.2</td>
</tr>
</tbody>
</table>

Always read and follow label directions. NOTE REGARDING RESTRICTED USE PESTICIDES: Anthem ATZ herbicide; Athena insecticide, Brigade 2EC Insecticide/Miticide, Brigade WSB Insecticide/Miticide, Brigadier Insecticide Capture 3RIVE 3D insecticide, Capture LFR Insecticide, Declare insecticide, Hero Insecticide, Mustang Insecticide, Mustang Maxx Insecticide, Pounce 25WP Insecticide, Stallion Brand Insecticide, Temtrity LFR Insecticide/Fungicide, Ethos XB Insecticide/Fungicide and Gladiator Insecticide/Miticide are Restricted Use Pesticides. NOTE FOR CALIFORNIA: Accurate Extra herbicide, Aim herbicide, Aim EC herbicide, Aim EW herbicide, Anthem herbicide, Anthem ATZ herbicide, Anthem Flex herbicide, Anthem MAXX herbicide, Authority Assist herbicide, Authority Elite herbicide, Authority First DF herbicide, Authority MAXX herbicide, Authority MTZ DF herbicide, Authority XL herbicide, Cadet herbicide, Chisum Herbicide, Command 3ME microencapsulated insecticide, Crusher Herbicide, Edition Broadspec Herbicide, Edition Tankmix Herbicide, Marvel herbicide, Nimble Herbicide, Nuance Herbicide, Preemtor SC fungicide, Report Extra Herbicide, Solstice herbicide, Spartan 4F herbicide, Spartan Charge herbicide, Spartan Elite herbicide, Temtrity LFR Insecticide/Fungicide, Topguard EQ fungicide, Zeus Prime XC herbicide, Zeus XC herbicide, Capture 3RIVE 3D insecticide, Ethos XB Insecticide/Fungicide, Hero Insecticide, Mustang Maxx Insecticide, Display cotton harvest aid, Zoro Miticide and VGR Soil Amendment are not registered for sale or use in California. VGR Soil Amendment is not a pesticide. Beleaf and Carbine are trademarks of Ishihara Sangyo Kaisha, Ltd. Cercobin is a trademark of Nippon Soda Co., Ltd. Sovran is a registered trademark of BASF. FMC, 3RIVE 3D, Accurate, Aim, Anthem, Athana, Authority, Brigade, Brigadier, Cadet, Capture, Chisum, Command, Crusher, Declare, Display, Edition, Ethos, Preemtor, Fracture, Fyanon, Gladiator, Hero, Koverall, LFR, Marvel, Mustang, Nimble, Obey, Pounce, Report, Rhyme, Rovral, Shark, Solida, Solstice, Spartan, Stallion, Temtrity, Topguard, Topguard Terra, VGR and Zeus are trademarks and HatchTrak and Investing in farming's future are service marks of FMC Corporation or an affiliate. ©2016 FMC Corporation. All rights reserved. 11/16

Capture LFR insecticide and Ethos XB insecticide/fungicide are Restricted Use Pesticides.

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