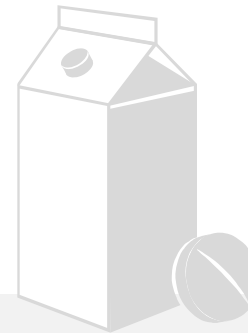


2017
**Louisiana Agricultural Technology &
Management Conference**
Marksville, LA

FMC



Don Johnson
Sr. Technical Sales Manager

Barrett McKnight
Retail Market Manager



New Products for 2017

TOPGUARD[®] EQ
FUNGICIDE

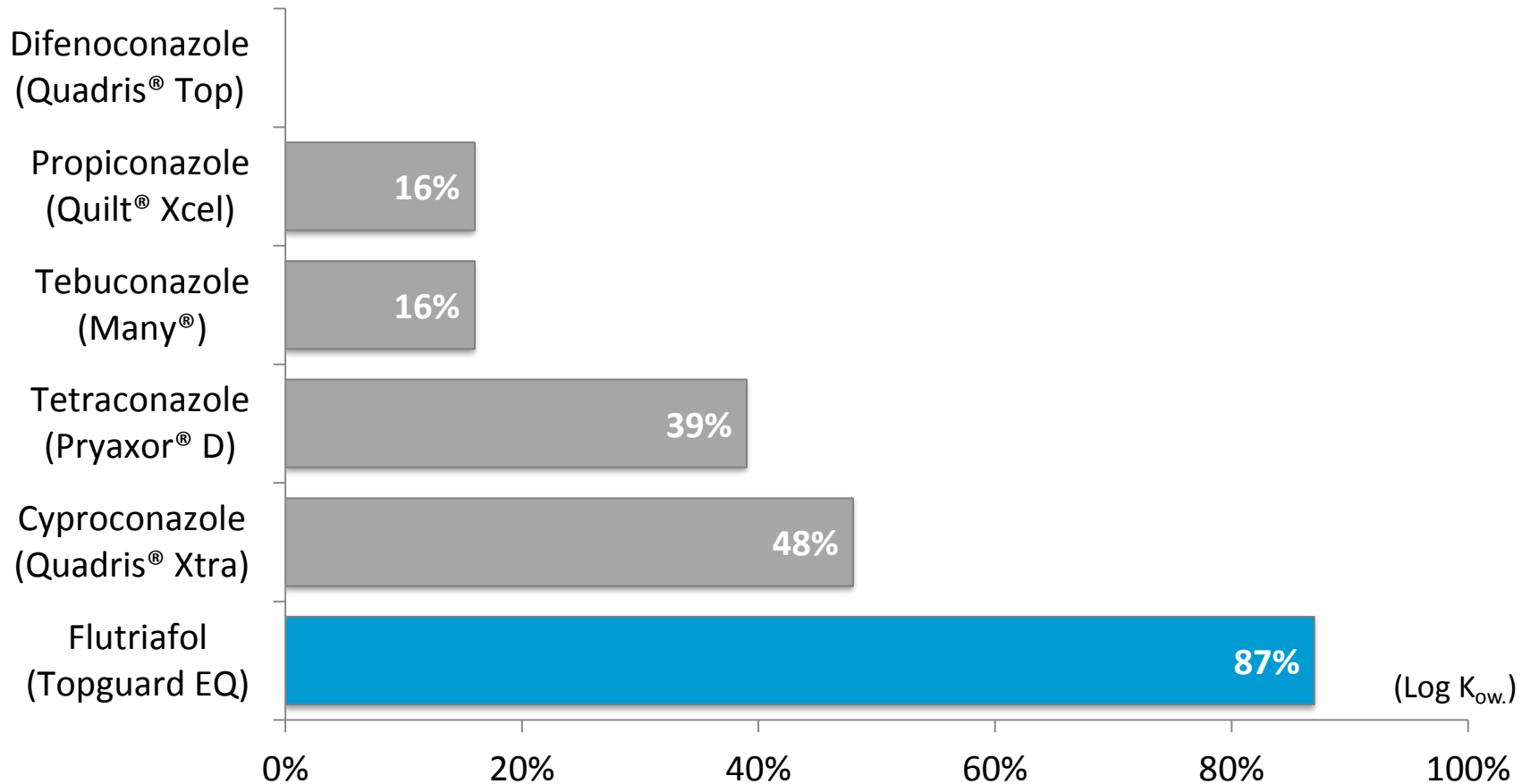
ETHOS[™] XB
INSECTICIDE / FUNGICIDE

- Active is **flutriafol + azoxystrobin** (FRAC Group is 3 + 11)
 - Is the most systemic of triazole
 - Has both preventive and curative control
 - Stable in plants and soil with slow degradation
- **Reg. Crops:** Corn, **Soybean**, and Wheat
- **Use rates:** 5 to 7 oz/A
- Diseases controlled: **very active on strobi-resistant frogeye leaf spot, cercospora leaf blight, rust** , anthracnose leaf blight, septoria, glume blotch and others.
- **Excellent Plant Health Characteristics**

Topguard EQ Systemic Activity

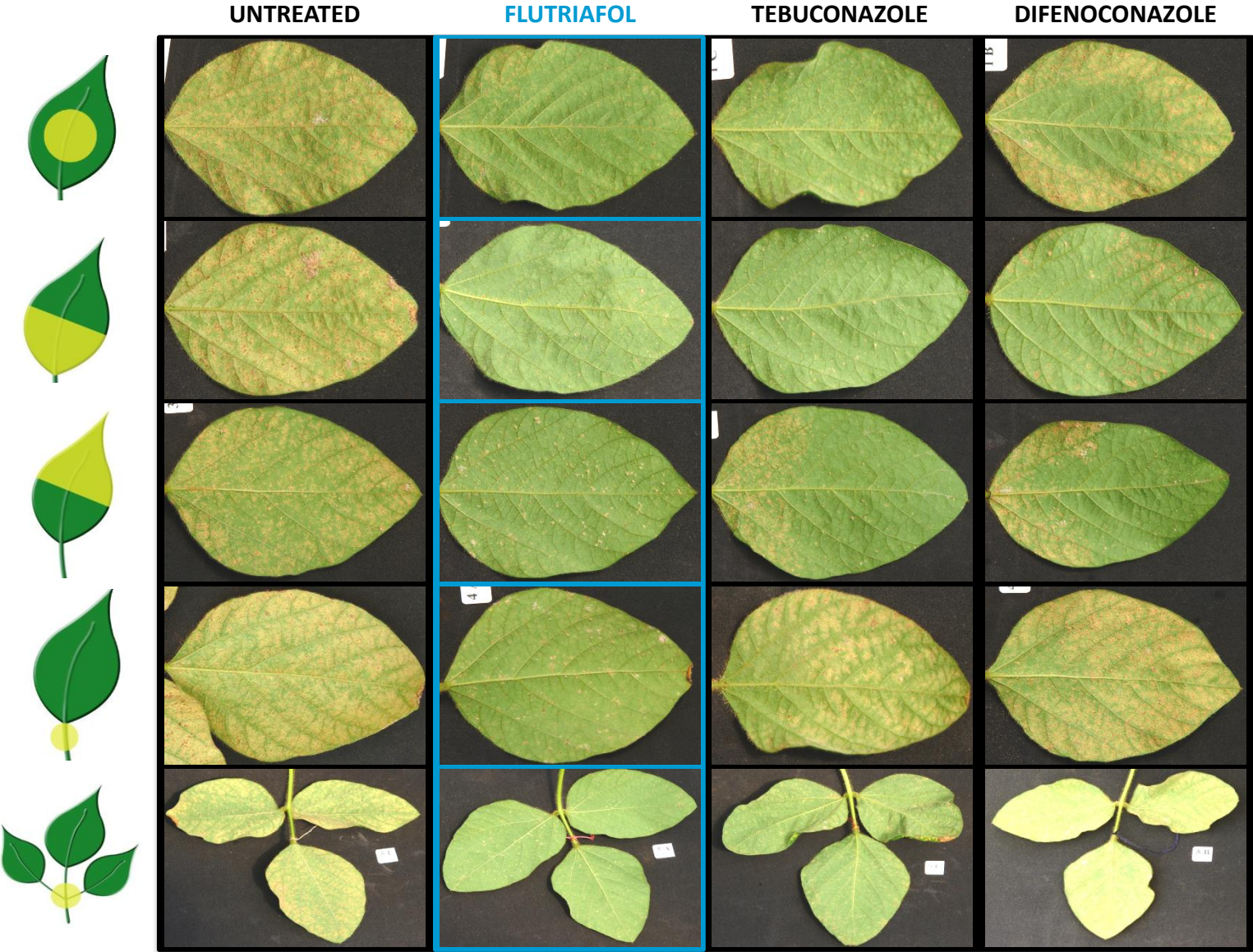
Flutriafol Vs. Other Triazols

Mobility in Relative Comparison to Other Triazoles.



(Log K_{ow}. Lipophilicity is a measure to show how systemic/mobile a given fungicide is).

Topguard EQ Systemic Activity

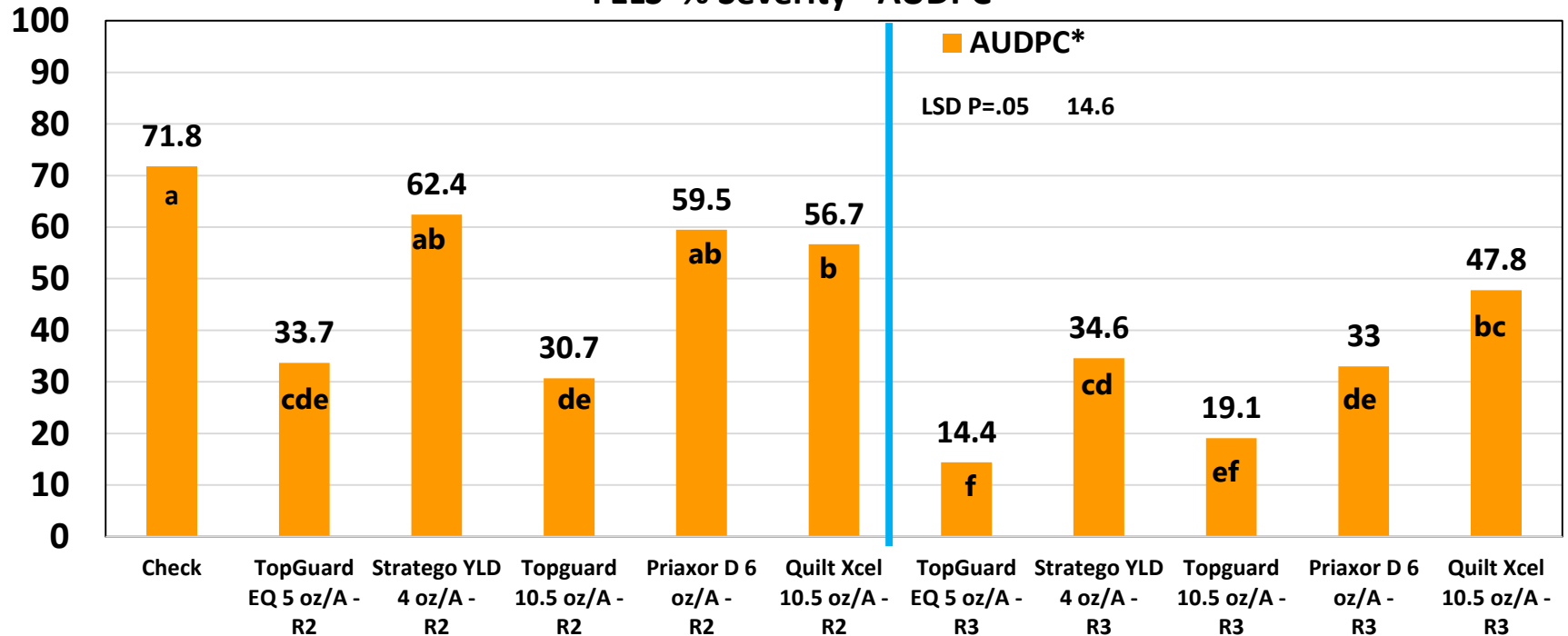


Topguard EQ Technical Data

Soybeans

Soybean Fungicide Trial Variety – ASGROW 4934 T. Price, LSU, Winnsboro, LA - 2016

FELS % Severity - AUDPC



*AUDPC: 3 post treatment evaluations (0-9 scale)

*All treatments included NIS at 0.25% v/v.

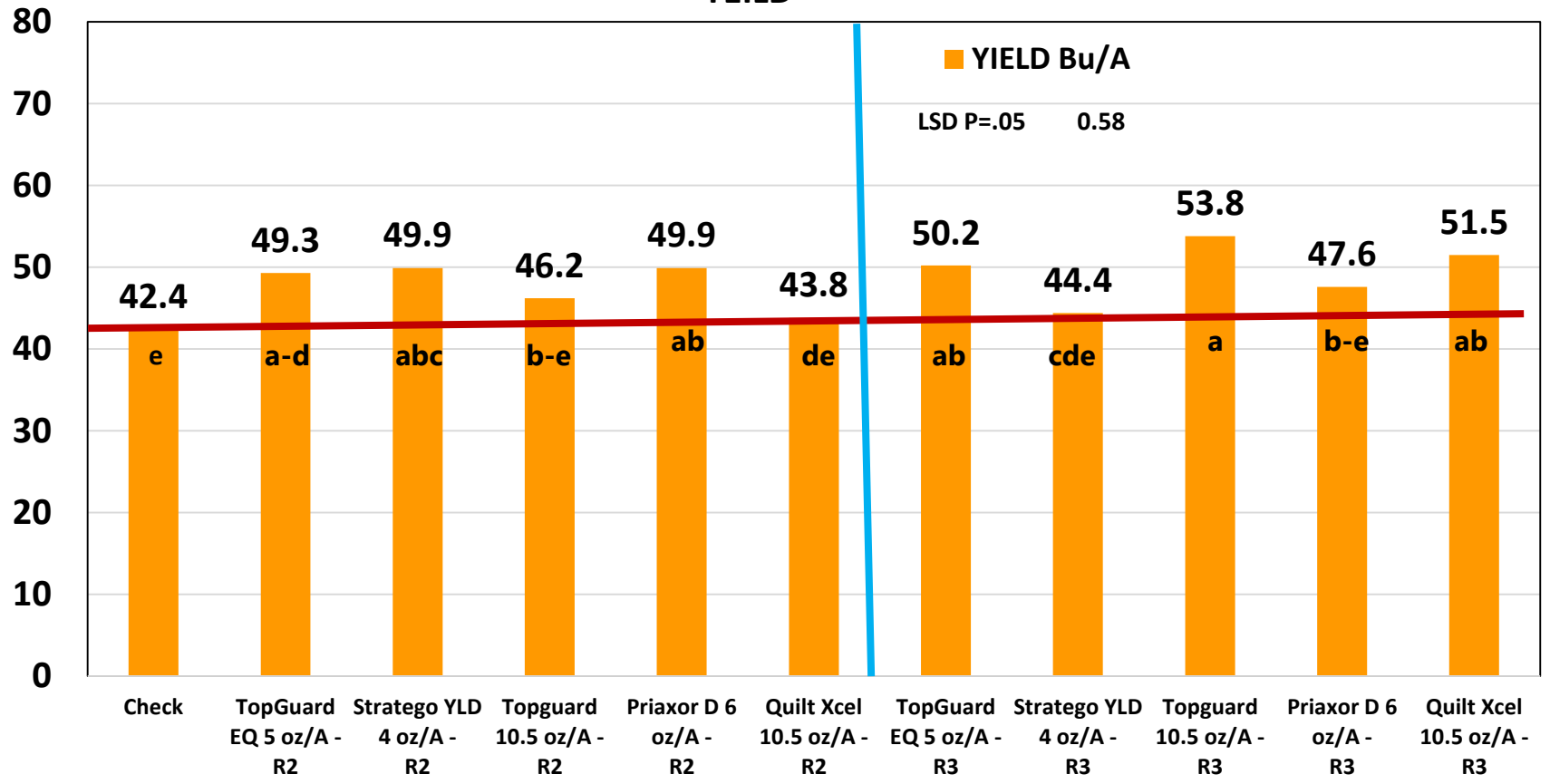


Topguard EQ Technical Data

Soybeans

Soybean Fungicide Trial, Variety – ASGROW 4934 T. Price, LSU, Winnsboro, LA - 2016

YEILD



*All treatments included NIS at 0.25% v/v.

DLSB1604





Freedom Pass – Fungicide Grower Incentive

FREEDOM PASS – FUNGICIDES GROWER INCENTIVE

The Freedom Pass – Fungicides Grower Incentive rewards growers for using Topguard® EQ fungicide and Topguard® fungicide in their fields, maximizing yields and protection their crops from yield robbing diseases, such as Frog Eye Leaf Spot.



PROGRAM PERIOD

October 1, 2016 – July 31, 2017

PROGRAM BENEFIT

Brand	Rate Recommendation	Rebate Incentive
	5 fl Oz/Acre	\$1.0/Acre
	10 fl Oz/Acre	\$2.0/Acre

PROGRAM GEOGRAPHY

Valid only for the following states: Alabama, Arkansas, Delaware, Florida, Georgia, Kentucky, Louisiana, Mississippi, Missouri*, North Carolina, New Jersey, New York, Oklahoma, Pennsylvania, South Carolina, Tennessee, Texas, Virginia.

* Valid for these counties only: Butler, Dunklin, Mississippi, New Madrid, Pemiscot, Ripley, Scott, Stoddard



See Full Program For Rules & Conditions

Protect, Defend, Nurture Your Crop



INSECTICIDE Soil Pest Control

FMC Patented LFR® Formulations

Fills the gaps left behind from Bt and seed treatments and mixes with most starter fertilizers

Prevents seed and seedling damage from soil-pest to maximize yields

Broadest Protection

FMC Patented LFR® Formulations

Full spectrum insect control with the broadest rate range

Disease protection from *Pythium*, *Phytophthora*, *Fusarium*, *Rhizoctonia*

Biofungicide expands to protect roots as they grow

- Bacteria colonize and protect actively growing root systems

Maximize Potential

FMC Patented LFR® Formulations

CRW protection in your heaviest infestations or known resistant acres

Rhizoctonia protection through V3 for uniform emergence & greater stands

Consistent and established plant health performance



Capture® LFR® insecticide, Ethos™ XB insecticide/fungicide, and Temitry™ LFR® are restricted use products. Visit www.fmccrop.com for more information. All products trademarks of FMC Corporation



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

Key Diseases

Pythium
Fusarium
Rhizoctonia
Phytophthora

What is it?

Premix of

- Capture LFR – bifenthrin (**FRAC Group 3 Insecticide**)
- BaD747 a biological fungicide - bacillus amyloliquefaciens strain D747 produces an antibiotic protein (**FRAC Group 44 Fungicide**)
- EPA Registered as an insecticide/fungicide

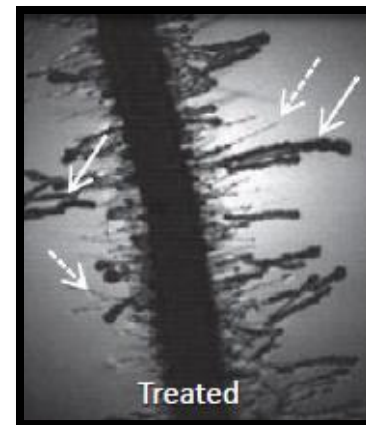
How Does Bad 747 Work?

Competitive Exclusion

- Colonizes on roots forming a biofilm
 - Grows with roots
- Creates a barrier by outcompeting pathogens

Direct Toxicity or Antibiosis

- Antifungal Metabolites are secreted as spores germinate and colonize on roots.
 - Influences cell membrane and wall integrity of certain pathogens.
- Antifungal lipopeptides are formed in the fermentation process



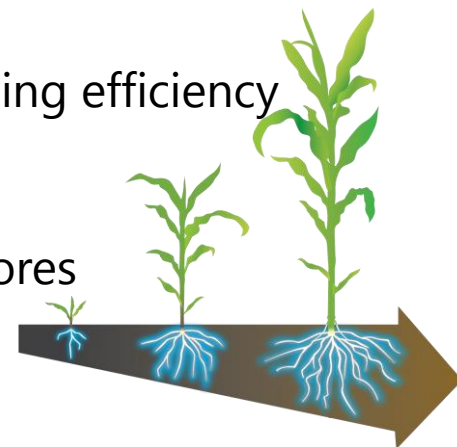
Viability with Fertilizer

- Ethos XB is formulated with a stabilizer
- Liquid fertilizer that are not alkaline will enhance stabilizing efficiency

Use Rates

- **3.4 to 4 oz/A** (southern corn pest) = over 1.1 trillion spores

FMC allowing compensation across rate range





THANK YOU



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, Temitry LFR Insecticide/Fungicide, Triple Crown Insecticide, 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 herbicide, Crusher Herbicide, Edition Broadspec herbicide, Edition Tankmix Herbicide, Marvel herbicide, Nimble Herbicide, Nuance Herbicide, Preemptor SC fungicide, Report Extra Herbicide, Solstice herbicide, Spartan 4F herbicide, Spartan Charge herbicide, Spartan Elite herbicide, Temitry 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, Athena, Authority, Brigade, Brigadier, Cadet, Capture, Chisum, Command, Crusher, Declare, Display, Edition, Ethos, Preemptor, Fracture, Fyfanon, Gladiator, Hero, Koverall, LFR, Marvel, Mustang, Nimble, Obey, Pounce, Report, Rhyme, Rovral, Shark, Solida, Solstice, Spartan, Stallion, Temitry, 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