

Group	3A, 44	Insecticide/Fungicide
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SOIL-APPLIED PROTECTION

- Full spectrum insect and disease protection.
- Insect protection from wireworms, cutworms, grubs, seed corn maggots and corn rootworms.
- Disease protection from *Pythium*, *Phytophthora*, *Fusarium* and *Rhizoctonia*.
- Biofungicide grows with the roots for season-long protection.

QUICK FACTS ON ETHOS® 3D INSECTICIDE/FUNGICIDE ACTIVE INGREDIENTS

Bifenthrin (insecticide component)	<i>Bacillus amyloliquefaciens</i> (fungicide component)
<ul style="list-style-type: none"> • Sodium channel modulators, nerve damaging. • Pyrethroid insecticide classification. • Broad-spectrum, contact action. • Long residual. • High attraction to clay and organic matter. Does not move in soil. • Negative temperature coefficient of toxicity. More active at cooler temperatures. 	<ul style="list-style-type: none"> • <i>Bacillus amyloliquefaciens</i> is a naturally occurring organism with fungicidal properties. • Antifungal lipopeptides form during fermentation and produce as spores germinate and colonize. • Biofilm colonizes root hairs and 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.

ETHOS 3D INSECTICIDE/FUNGICIDE FORMULATION

COMBINES INSECTICIDE ACTIVE CHEMICAL WITH FUNGICIDE BIOLOGICAL IN A 3RIVE 3D® FORMULATION

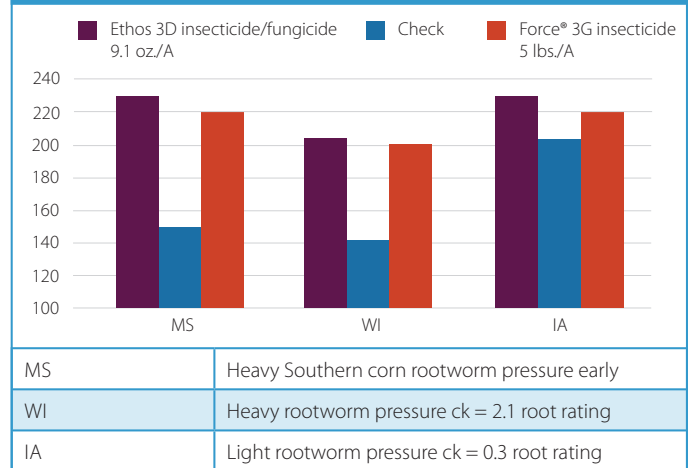
3RIVE 3D® is novel formulation technology that combines molecule and machine into a precision platform for solutions that will enhance grower productivity through seedling defense, plant health and farming efficiency.

TARGETED CROPS – CORN (ALL TYPES), SOYBEANS, DRY BEANS & PEAS, SUCCULENT BEANS & PEAS AND POTATOES

ACTIVE	FORMULATION	TARGET
Bifenthrin	1.4 lbs. ai/A	Corn rootworm larvae, wireworm, grubs, seedcorn maggot, cutworms, armyworms, stalk borer
<i>Bacillus amyloliquefaciens</i> strain D747	30 x 10 ¹⁰ CFU per oz.	Biological with activity against <i>Fusarium</i> , <i>Pythium</i> , <i>Phytophthora</i> , and <i>Rhizoctonia</i>

2017 UNIVERSITY TRIALS ON CORN

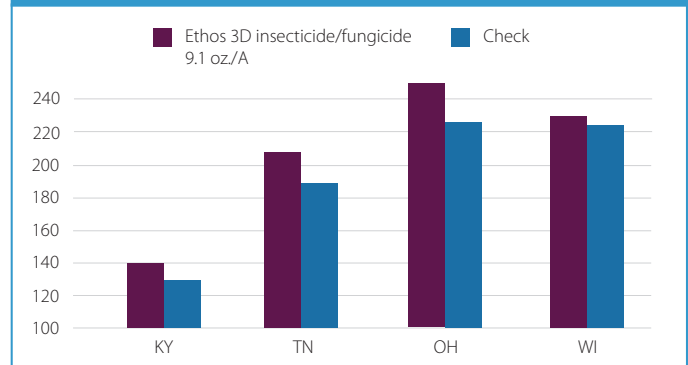
YIELD BU/A



2017 UNIVERSITY PLANT PATHOLOGY TRIALS ON CORN

SEEDLING DISEASE CONTROL

YIELD BU/A



Commercial Field, Dayton OH, 2018



State registrations for Ethos 3D insecticide/fungicide are pending. Contact your local FMC representative or retailer for details and availability in your state.