Ethos[®] Elite LFR[®] Insecticide/Biofungicide



Boost seedling vigor and protection to help optimize yields.

Season-long success starts during critical early growth stages when insects and diseases threaten seedling development. Next generation Ethos® Elite LFR® insecticide/biofungicide combines an effective and trusted pyrethroid insecticide, bifenthrin, with two proprietary biological strains, *Bacillus velezensis* and *Bacillus subtilis*, for the broadest spectrum control of seedling and early-season diseases and soilborne pests. It also delivers a biostimulant effect to help enhance plant vigor and improve yields.

Trials have demonstrated that Ethos Elite LFR insecticide/biofungicide applied At-Plant supports more uniform seedling emergence, increased stand counts and improved root protection. These benefits result in greater moisture and nutrient uptake to help maximize yields at harvest.

Ethos Elite LFR insecticide/biofungicide is formulated with FMC-patented LFR technology, meaning the solution is compatible with conventional crop protection products, starter fertilizer and seed treatments. This makes it an effective tool to help enhance plant and operational performance.



Quick Facts:

- Defends against damaging seedling pests like corn rootworms, cutworms, wireworms, grubs and more.
- Unique combination of two novel biofungicide strains forms a protective barrier on the root surface to provide extended protection against pests and diseases. This barrier continues to grow and evolve as the plant does.
- Provides disease control of soilborne diseases like *Fusarium, Phytophthora, Pythium* and *Rhizoctonia.*
- Promotes a vigorous root system to help enhance standability, nutrient uptake and stalk health.
- Highly compatible with other insecticides, fungicides, fertilizers and seed treatments.

Research and Results:

Trials show improved plant vigor and root branching as well as greater stand uniformity and less severe disease and pest pressures, which can lead to increased yields.





Application Recommendations:

CROP	PEST / DISEASE	APPLICATION RATE
Corn	Corn rootworm larvae (Northern, Southern, and Western)	8.5-17.1 fl. oz./A*
	Army cutworm, armyworm species, cutworm species, grape colaspis, grubs, root aphids, seedcorn beetle, seedcorn maggot, stalk borer, sugarcane beetle, true armyworm, wireworms	3.5-17.1 fl. oz/A*
	**Suppression of "damping off," seedling blights, and root or crown diseases caused by <i>Pythium, Rhizoctonia, Fusarium</i> , or <i>Phytophthora</i>	

*Based on 30" row spacing.

** Use highest application rate for better disease management; Under moderate to severe disease pressure, or when environmental conditions are conducive to rapid disease development, mix Ethos Elite LFR insecticide/biofungicide with other fungicides labeled for improved performance.

Label Information:

Active Ingredients: BifenthrinSignal Word: WARNINGBacillus velezensis strain RTI301REI: 12 hours

Bacillus subtilis strain RTI477

Precautions/Restrictions

• At-Plant Restrictions: Do not apply more than 0.2 lb./A of bifenthrin active per season as an At-Plant application. Do not make more than one application per year

To learn more about Ethos Elite LFR insecticide/biofungicide, contact your FMC retailer or visit Ag.FMC.com.

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