

## LFR® BRANDS PROTECTING THE FURROW

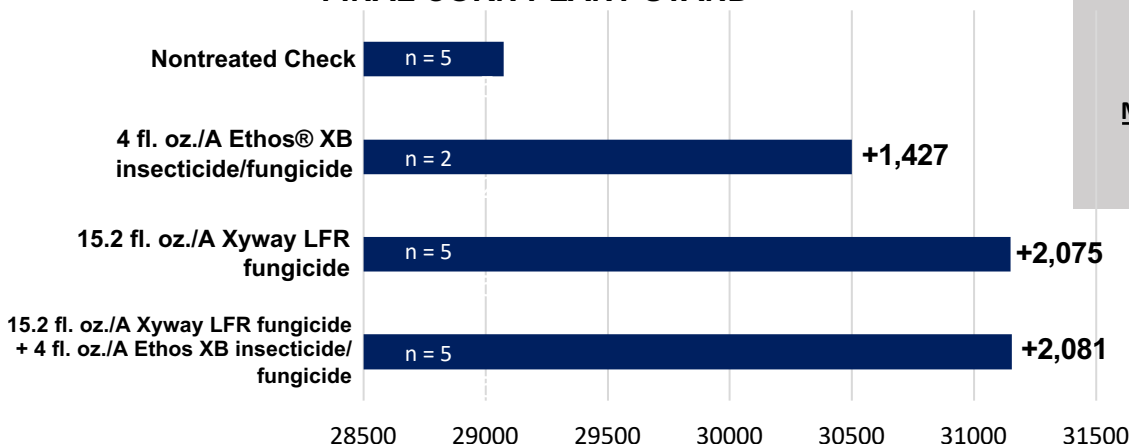


Corn comes under attack from various pests shortly after it is laid in the ground until it reaches maturity. There are a host of regional factors that can overwhelm seed treatments and the length of protection they offer such as corn-on-corn in dairy operations, manure spreading and heavy seedling disease pressure. With the introduction of Xyway™ LFR® fungicide, FMC has taken furrow protection to the next level.

### COMPARISON OF IN-FURROW PRODUCT PEST SPECTRUM

Target Pest(s)	<b>CAPTURE</b> LFR INSECTICIDE	<b>ETHOS XB</b> INSECTICIDE/FUNGICIDE	<b>XYWAY</b> LFR FUNGICIDE
Seedling Diseases	Not Labeled	<i>Pythium, Phytophthora, Rhizoctonia, Fusarium</i>	Not Currently Labeled
Seedling and Root Insect Pest Complex	4 – 5 fl. oz./A seed maggots, wireworm, cutworm	4 – 5 fl. oz./A seed maggots, wireworm, cutworm	Not Labeled
Root Insect Pest Complex	8.5 – 10 fl. oz./A corn rootworm, grubs	8.5 – 10 fl. oz./A corn rootworm, grubs	Not Labeled
Foliar Diseases	Not Labeled	Not Labeled	Gray leaf spot, Northern and Southern corn leaf blights

### EFFECT OF IN-FURROW COMBINATIONS ON FINAL CORN PLANT STAND



Unbalanced dataset, n=2 or 5.  
Sites: PA (1), MD (3), DE (1). 2020.

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#### Corn Crop Protection

#### LFR Product Selection

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#### Contact your local representative

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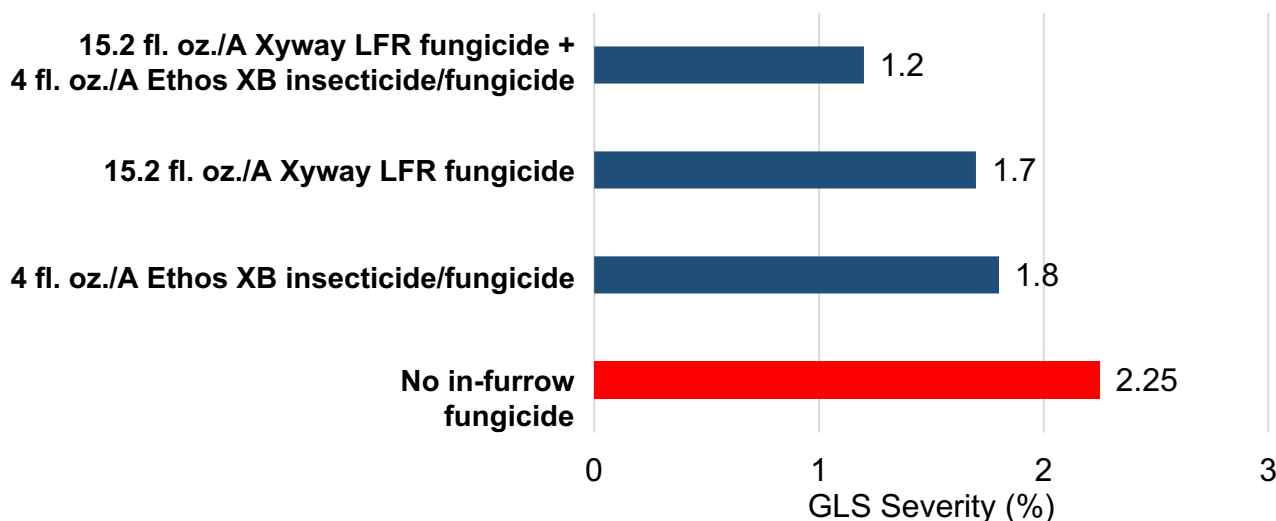
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Summary of later planted trials with low seedling pest pressure. Trials planted in warmer soils to primarily target foliar diseases.

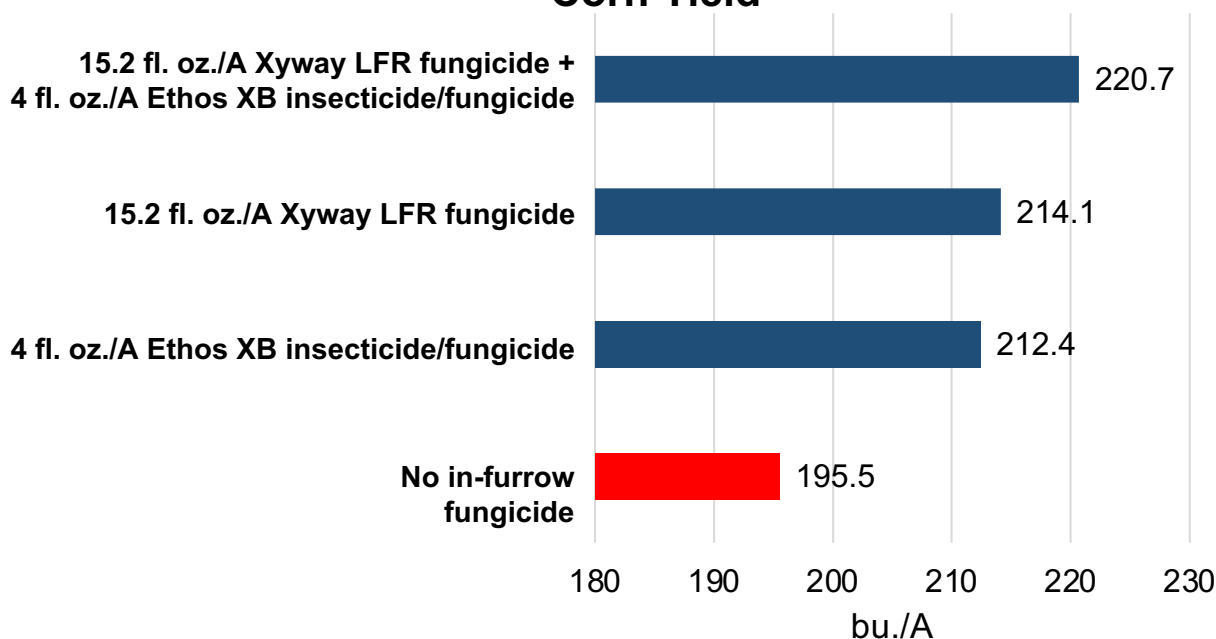
## EFFECT OF IN-FURROW COMBINATIONS ON FOLIAR DISEASE CONTROL AND YIELD

The data summary below is limited to the FMC Stine Research Center where we had head-to-head comparisons of each treatment since Ethos® XB insecticide/fungicide was not run alone in the university trials. Again, corn was planted during a warming trend with light seedling disease and cutworm pressure. In the presence of low grey leaf spot pressure but with a hybrid known to respond to a fungicide, we saw a yield response from 16-25 bu./A. Across university locations and the FMC Stine Research Center trials, we gained 6.6 bu./A corn yield when tank mixing Ethos XB insecticide/fungicide and Xyway™ LFR® fungicide in-furrow. In the absence of heavy pest pressure, better root structure, increased stalk diameter and better uniformity lead to healthier plants better able to withstand unfavorable environmental conditions and access and utilize the nutrients around them to drive higher grain yields.

### Grey Leaf Spot Severity – Mid Canopy



### Corn Yield

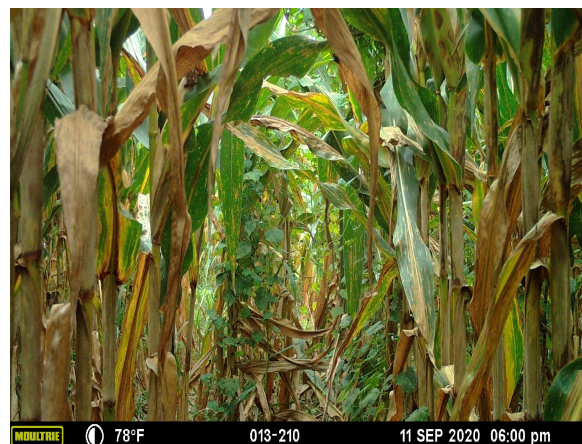




## TIME LAPSE PHOTO COMPARISON OF PRODUCT PERFORMANCE

**No In-Furrow Treatment**  
**179.4 bu./A**

**15.2 fl. oz./A Xyway<sup>™</sup> LFR<sup>®</sup> fungicide +**  
**4 fl. oz./A Ethos<sup>®</sup> XB insecticide/fungicide**  
**229.8 bu./A**



Location: FMC Stine Research Center; Elkton, MD. 2020. Trial TSC-20-013.  
Cultivar: D52VC91. 112-day RM. Low disease, high yield environment.

Capture LFR insecticide and Ethos XB insecticide/fungicide are Restricted Use Pesticides. Always read and follow all label directions, precautions and restrictions for use. Some products may not be registered for sale or use in all states. Xyway LFR fungicide may not be registered for sale or use in all states. Contact your local FMC retailer or representative for details and availability in your state. FMC, the FMC logo, Capture, Ethos, LFR and Xyway are trademarks of FMC Corporation or an affiliate. ©2020 FMC Corporation. All rights reserved. 21-FMC-1849 11/20