

HatchTrakSM

April 24, 2017



Plant Health in Corn, Protecting Yields & Profitability

PREEMPTORTM SC

Begins at V5-6 With FMC Corn Fungicides & Insecticides

- Unique pre-mix of flutriafol (triazole) + fluoxastrobin (strobilurin)
- Two modes of action, resistance management, excellent control and broader spectrum
- Highly systemic in xylem for immediate activity and unmatched protection
- Systemicity & long residual control provides early application flexibility
- PreemptorTM SC fungicide may be applied by ground as soon as V5-6 timing
- May be tank mixed with herbicides, insecticides and foliar nutrient products
- Plant health with improved stress tolerance contributes to maximum yield



Inside This Issue

Plant Health in Corn, Protecting Yield and Profitability Begins at V5-6 with FMC Corn Fungicides and Insecticides

Authored by Dr. Joseph P. Reed

FMC Tech Service Mgr -Midwest Region Eastern Corn Belt (217) 649-3249

• Stu Throop Western MI RMM (443) 271-4191

• Lisa Stiles Southeast MI (989) 780-2032

• Ryan McDaniel Ohio RMM (937) 605-7204



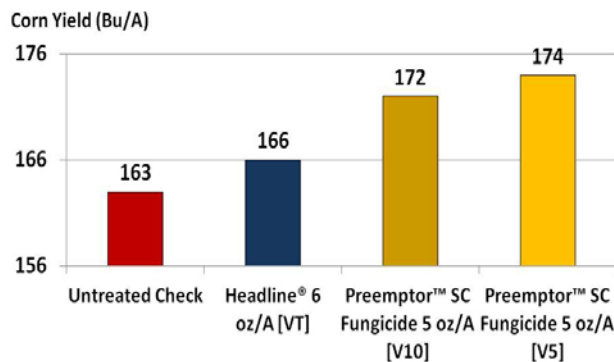
Studies show Preemptor SC fungicide may be tank mixed, provides excellent corn disease control, reduces stress, contributes to maximum yields and profitability



Ground Application Minimum Volume 10 gal./A

2012 Selected Treatments from Corn Fungicide Trial observing influence of various fungicides, timings and influence upon corn yield (Bu/A).

(Data Courtesy Ohio State OARDC, Wooster, OH)



Application Guidelines

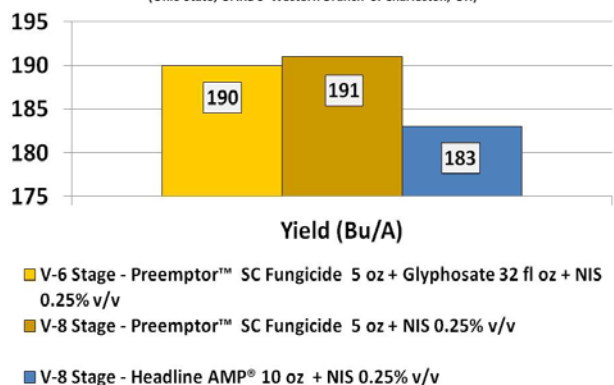
- V5 to V8 use 5 oz./A
- After V8 to before tassel use 4 to 5 oz./A (no adjuvants)
- VT to R4 use 4 oz.

Diseases Controlled

Common Rust
 Anthracnose leaf blight
 Grey leaf Spot
 Northern Corn Leaf Blight
 Northern Corn Leaf Spot
 Southern Corn Leaf Blight
 Eye Spot

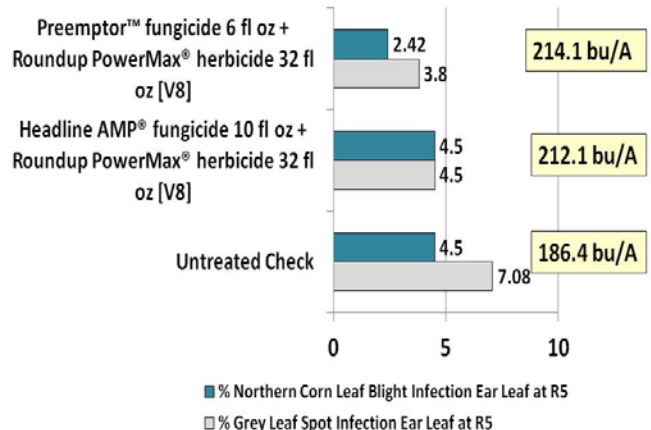
2015 Selected Treatments Corn Fungicide Efficacy Trial V-6 through V-8.

(Ohio State, OARDC Western Branch S. Charleston, OH)



2016 Selected treatments showing the effect by Corn Foliar Fungicides applied at V-8 systemically protecting the corn ear leaf from Grey Leaf Spot and Northern Corn Leaf Blight Infection upon Yield (Bu/A).

(Data Courtesy Dr. Pierce Paul Ohio State OARDC Western Branch S. Charleston, OH)



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HERO[®]
MUSTANG[®] MAXX



Consider **PreemptorTM SC fungicide + Hero[®] Insecticide or Mustang[®] Maxx insecticide tankmixes in post tassel corn for disease and insect control**



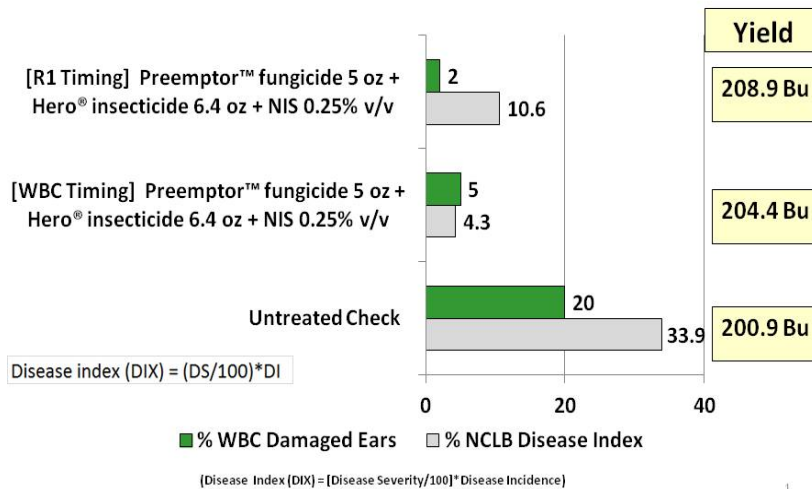
Aerial Application Minimum Volume 2 gal/A

PreemptorTM SC fungicide + HERO[®] Insecticide Rotational Crop Interval

Corn, Soybeans, Peanuts	Anytime
Sugar Beets, Wheat	30 Days
Sweet Corn, Cotton	180 Days

2016 Selected treatments comparing R1 timing [R1] to Western Bean Cutworm [WBC] threshold application timing of PreemptorTM SC fungicide 5 oz + Hero[®] insecticide 6.4 oz + NIS 0.25% v/v for percent (%) damaged ears, percent (%) Northern Corn Leaf Blight (NCLB) Index and Yield, Bushels per acre (Bu).

(Data Courtesy Michigan State University, East Lansing, MI)



Grey Leaf Spot



Northern Corn Leaf Blight



Common Rust



In 2016, harvested corn loads in Northern Indiana, Northern Ohio and Michigan were rejected due to DON levels being so high due to heavy Western bean cutworm (WBC) feeding damage. In a 2016 Michigan State University Study, Applying Hero Insecticide + Preemptor SC fungicide at the WBC timing resulted in significant reductions of damaged corn. However, highest yields were at the R1 timing, having 2% WBC damage and 208.9 bu/A yield.

Western Bean Cutworm Egg Development - Hatch



Less than 1 Day Freshly Laid Egg Mass



2 to 4 Day Developing Egg Mass



7 Day Developing, Purple Colored Egg Mass WBC Larvae Hatching.

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, Temity 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, Temity 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, Temity, 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

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