

## TOPGUARD® FUNGICIDE AND TOPGUARD® EQ FUNGICIDE

**Realize optimum wheat quality and yields through consistent and effective disease control.**

Wheat can respond remarkably well to a high fungicide management program that reduces yield losses to disease. Topguard® and Topguard® EQ fungicides both contain the active ingredient flutriafol, the most systemic and longest residual DMI (demethylation inhibitor) fungicide on the market, giving unsurpassed disease control in winter wheat. Topguard EQ fungicide is the only premix that combines flutriafol with a strobilurin fungicide – azoxystrobin – providing multiple modes of action to help manage disease resistance in wheat.

September 2020

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#### Winter Wheat Disease Control in OK, KS and TX

- ✓ Topguard Fungicide
- ✓ Topguard EQ Fungicide
- ✓ Topguard “5 on 5”

### Topguard Fungicide and Topguard EQ Fungicide Technical Information:

Product Attributes	Topguard Fungicide	Topguard EQ Fungicide
<b>Active Ingredients:</b>	Flutriafol	Flutriafol + Azoxystrobin
<b>Class:</b>	DMI: FRAC Group 3	DMI & Qol: FRAC Group 3 and 11
<b>Rates:</b>	10-14 fl. oz./A	4-7 fl. oz./A
<b>REI</b>	12 hours	12 hours
<b>PHI</b>	30 days grain; 15 days hay; 0 days forage	30 days grain; 15 days hay; 7 days forage
<b>Diseases Controlled:</b>	Common rust, stripe rust, powdery mildew and leaf blotch.	Leaf rust, powdery mildew, Septoria leaf and glume blotch, stem rust, stripe rust and tan spot.
<b>Application Guidelines:</b>	May be applied via air or ground. Apply in a minimum of 10 gallons of spray solution per acre by ground and a minimum 5 gallons of spray solution by air. Rainfast in two hours.	

Contact your local FMC retail market managers:

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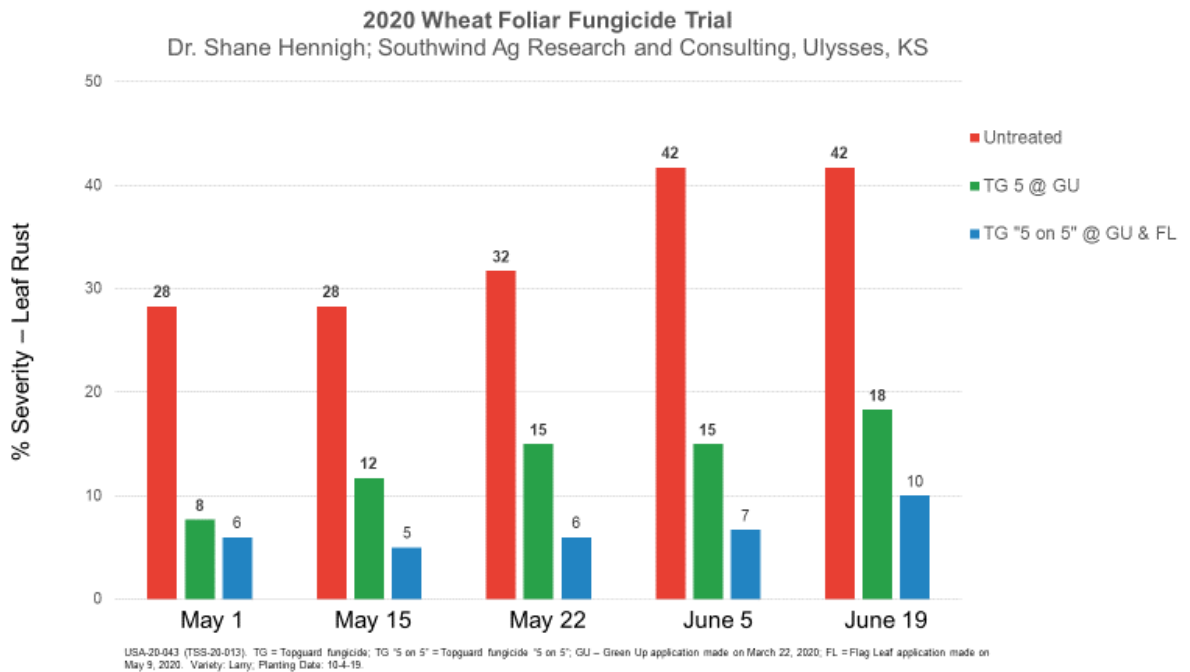
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**Cameron McAnally**  
OK Panhandle, NW TX  
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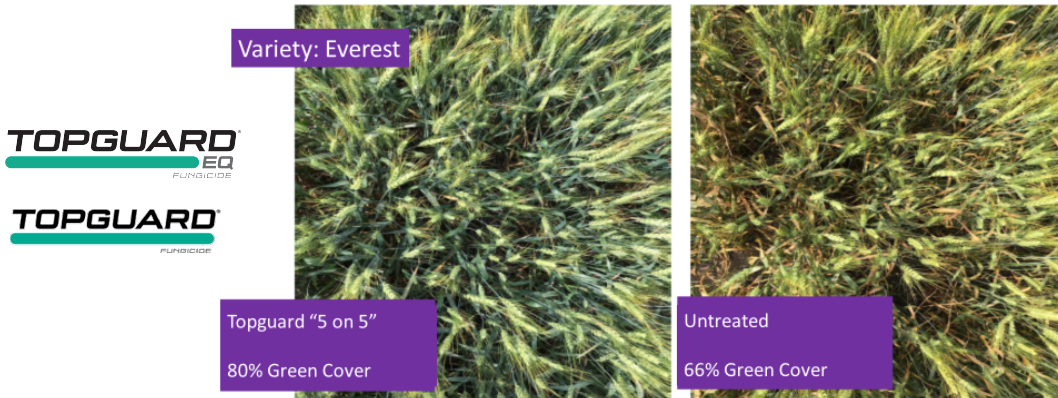
**Technical Service Manager**  
**V. Bruce Steward, Ph.D.**  
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## Topguard<sup>®</sup> Fungicide “5 on 5” Research Results

University, private research contractor and demonstration trials have shown that Topguard<sup>®</sup> fungicide at 5 fl. oz./A applied at green up (Feekes 3-7) and then followed by Topguard fungicide at 5 fl. oz./A applied at flag leaf (Feekes 8-10)<sup>1</sup> provides affordable, effective control of important wheat diseases and, ultimately, increases yields. This program approach to managing diseases through the whole growing season is referred to as **Topguard “5 on 5.”** Diseases such as common and stripe rust, powdery mildew, leaf and glume blotches, and tan spot<sup>1</sup> are controlled by this program.

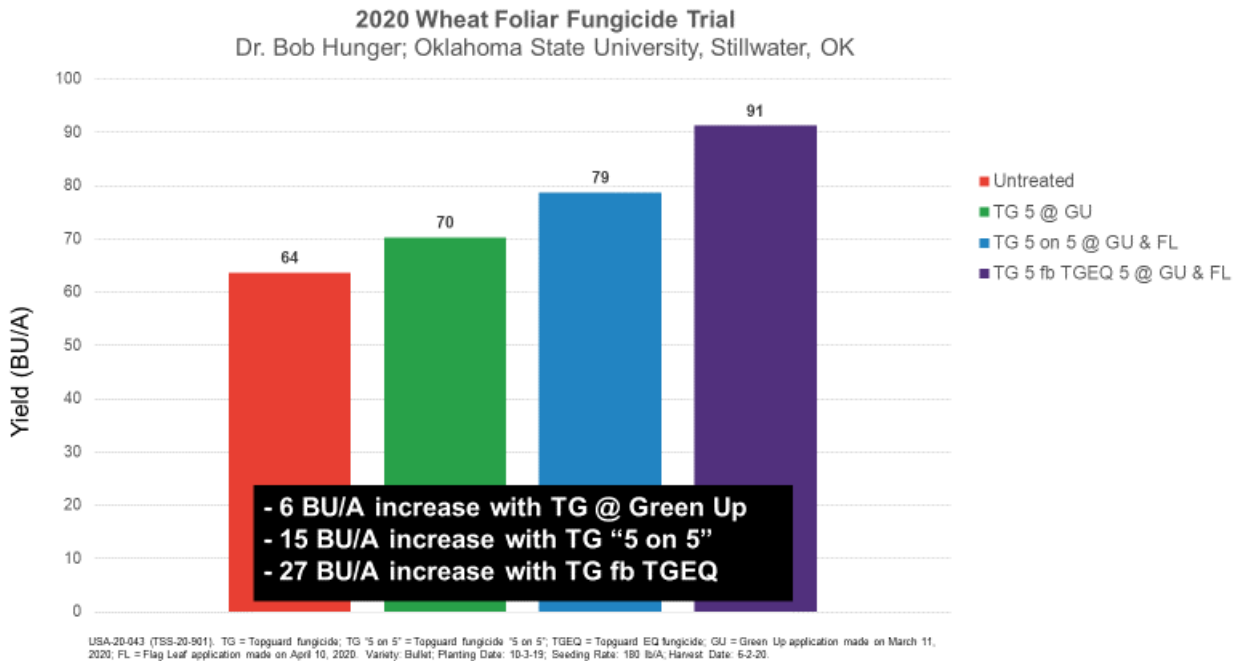


**2020 Wheat Foliar Fungicide Trial**  
Dr. Romulo Lollato, Kansas State University, Manhattan, KS



<sup>1</sup>Please see the Topguard fungicide FIFRA SECTION 2(ee) recommendation for early disease management in winter wheat in Colorado, Kansas, Missouri, Montana, Nebraska, North Dakota, Oklahoma and South Dakota.

## Topguard<sup>®</sup> Fungicide and Topguard<sup>®</sup> EQ Fungicide Research Results:



### Topguard "5 on 5" Program:

*Delivers Affordable, Effective Control of Yield-Robbing Diseases in Wheat Throughout the Growing Season*

- ✓ **Step 1:** Apply Topguard fungicide at 5 fl. oz./A at green up<sup>1</sup> to provide early-season disease control plus increase plant health. It is highly systemic and readily moves into the new leaves reducing disease pressure and keeping the plant healthy.
- ✓ **Step 2:** Apply Topguard fungicide at 5 fl. oz./A at flag leaf<sup>1</sup> to provide late-season disease control, increase plant health and maximize yields.

*If the wheat variety is highly disease susceptible or severe disease pressure exists, then the flag leaf application may need to be Topguard EQ fungicide at 5-7 fl. oz./A to maximize disease control and yields.*



<sup>1</sup>Please see the Topguard fungicide FIFRA SECTION 2(ee) recommendation for early disease management in winter wheat in Colorado, Kansas, Missouri, Montana, Nebraska, North Dakota, Oklahoma and South Dakota.