

## SPRING WHEAT MANAGEMENT

Farm management in the spring is a busy juggling act between spring wheat applications and preparing ground for the upcoming planting season. FMC's wheat portfolio provides application flexibility to minimize passes across the field while managing the most common weed, disease and insect pests occurring during the spring greenup period..

### DISEASE MANAGEMENT OPTIONS

**Product:** Topguard® fungicide  
**Use Rates:** 5 – 7 fl. oz./A via 2(ee) recommendation<sup>1</sup> for early season disease protection in spring and winter wheat.  
**Application Timing:** Feekes 3-7  
**Labeled Diseases:** Common and stripe rust, powdery mildew, Septoria leaf and glume blotch  
**PHI:** 30 days for grain, 15 days for hay, 0 days for forage  
**Strengths:** - most systemic triazole fungicide (foliar and root uptake)  
 - long lasting active ingredient helps protect foliage until flowering fungicide application timing to help maximize yield



\$1.00/A @ 5 fl. oz. use rate  
 \$1.40/A @ 7 fl. oz. use rate

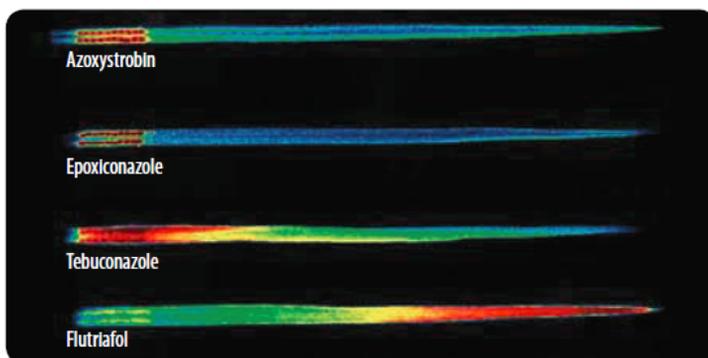


**Product:** Topguard® EQ fungicide  
**Use Rates:** 3 – 4 fl. oz./A via 2(ee) recommendation<sup>1</sup> for early season disease protection in spring and winter wheat.  
**Application Timing:** Feekes 3-7  
**Labeled Diseases:** Common and stripe rust, powdery mildew, Septoria leaf and glume blotch **plus tan spot**  
**PHI:** 30 days for grain, 15 days for hay, 7 days for forage  
**Strengths:** - same benefits and flutriafol active as Topguard fungicide  
 - premix provides enhanced residual **plus improved straw strength and quality**  
 - broad crop label for inventory management



\$0.60/A @ 3 fl. oz. use rate  
 \$0.80/A @ 4 fl. oz. use rate

Fungicide Systemicity in Wheat – 3 days after application to base of wheat leaf. Red indicates concentration of fungicide in the leaf. Flutriafol, the active in Topguard fungicide brands, systemically protects your crop from early season pathogens.



(Courtesy of D W Bartlett, Syngenta - Jeallot's Hill International Research Centre)

#### Inside this issue

January 2021

### Spring Wheat Management

#### Diseases



#### Weeds



#### Insects



Contact your local representative

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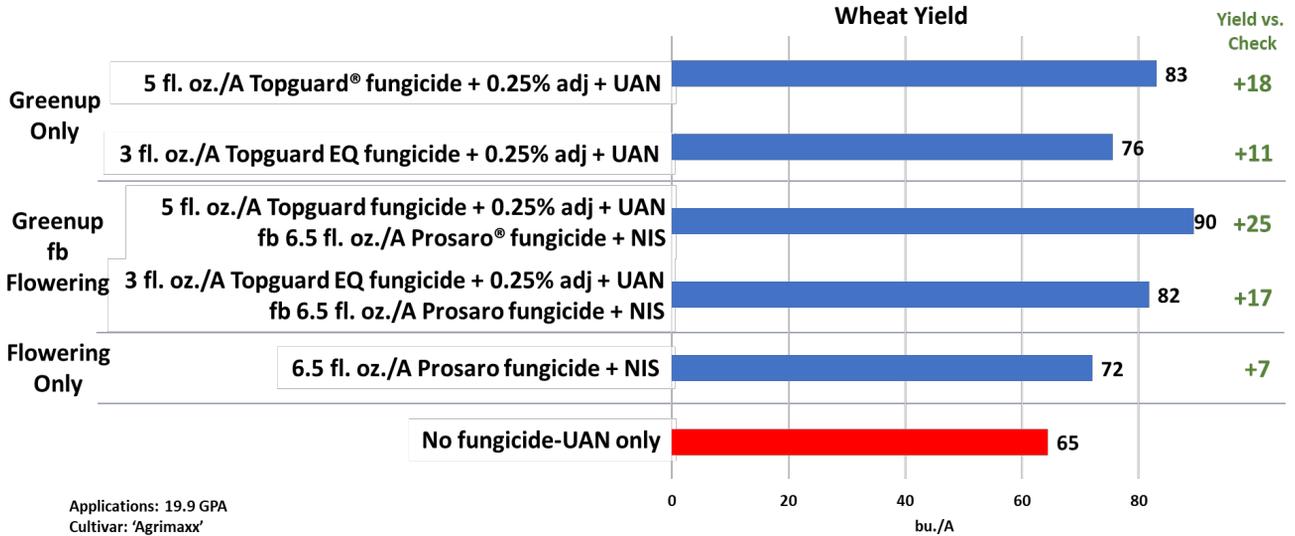
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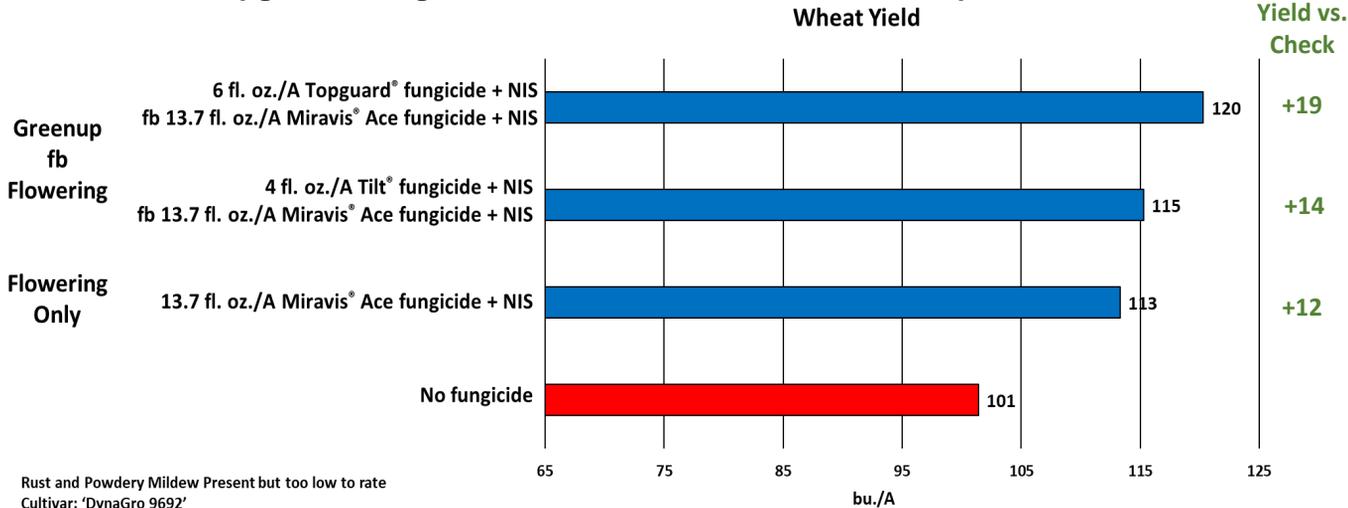
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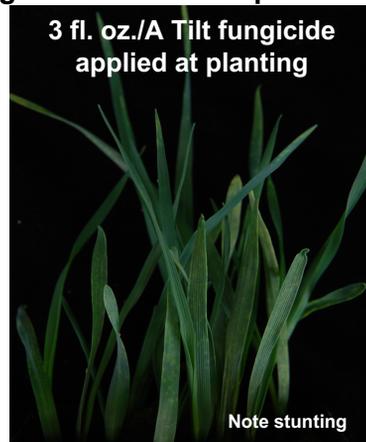
## Benefits of the Greenup Fungicide Application



## Choose Topguard® Fungicide for the Yield Benefits Versus Propiconazole Brands



## Fungicide Comparison for Wheat Leaf Rust Management via Root Uptake



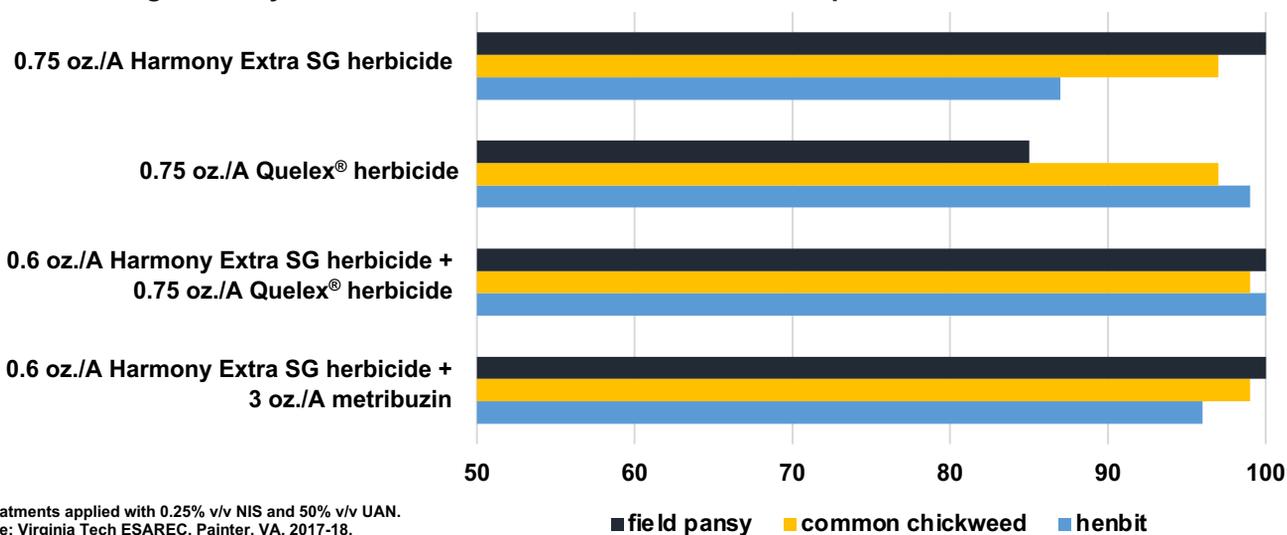
## WEED MANAGEMENT OPTIONS

**Product:** Harmony® Extra SG herbicide with TotalSol® soluble granules  
**Use Rates:** 0.6 – 0.75 oz./A  
**Application Timing:** 2-leaf until prior to visible flag leaf  
**Labeled Weeds:** 65+ weeds including keys species such as wild garlic & chickweed, as well as field pansy via 2(ee) recommendation  
**PHI:** 45 days for grain, 30 days for hay, 7 days for grazing & forage  
**Strengths:**  
 - broadleaf and garlic weed control standard  
 - flexibility for crop rotation to soybean, field corn, cotton & grain sorghum



\$0.40/A @ 0.60 oz. use rate  
 \$0.50/A @ 0.75 oz. use rate

### Tank Mixing Harmony Extra SG Herbicide for Consistent, Broad Spectrum Broadleaf Weed Control



### Defining Common Harmony Extra SG Herbicide Tank Mix Combinations

|   | Herbicide Program  | Strengths   |
|---|--|---|
| <b>Spring Greenup Herbicide Options</b> | 0.75 oz./A Harmony Extra SG herbicide + NIS  | <ul style="list-style-type: none"> <li>wild garlic, field pansy via 2(ee) recommendation, ALS-susceptible weed sites</li> </ul>   |
|   | 0.6 – 0.75 oz./A Harmony Extra SG herbicide + 0.4 pt./A Starane® Ultra herbicide + NIS | <ul style="list-style-type: none"> <li>weeds above plus speedwell, henbit, chickweed including ALS resistant species</li> </ul>   |
|   | 0.6 – 0.75 oz./A Harmony Extra SG herbicide + 0.75 oz./A Quelex herbicide + NIS        | <ul style="list-style-type: none"> <li>same weed spectrum as metribuzin above</li> <li>very good crop safety in trials</li> </ul> |

## INSECT MANAGEMENT OPTIONS

|                            |   |
|----------------------------|---|
| <b>Product:</b>            | Mustang® Maxx insecticide   |
| <b>Use Rates:</b>          | 2.8 – 4.0 fl. oz./A (see label for pest and rate recommendation)        |
| <b>Application Timing:</b> | Planting until 14 days prior to harvest                                 |
| <b>Labeled Insects:</b>    | Armyworms, cereal leaf beetle, flea beetle, aphids, chinch bugs, sawfly |
| <b>PHI:</b>                | 14 days for grain, hay & forage   |
| <b>Strengths:</b>          | - excellent on key early season pests<br>- quick knockdown              |



<sup>1</sup>Topguard fungicide 2(ee) and Topguard EQ fungicide 2(ee) are recommended for early season disease protection in spring and winter wheat via a 2(ee) recommendation in Alabama, Arkansas, Connecticut, Delaware, Kentucky, Illinois, Indiana, Louisiana, Maine, Maryland, Michigan, Minnesota, Mississippi, Montana, New Hampshire, New Jersey, New York, North Carolina, North Dakota, Ohio, Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Vermont, Virginia, and West Virginia.

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**Mustang Maxx insecticide is a Restricted Use Pesticide.** Always read and follow all label directions, precautions and restrictions for use. Some products may not be registered for use in all states of the United States. Please contact your FMC representative for information regarding current state registrations. FMC, the FMC logo, Harmony, Mustang, Topguard, and TotalSol are trademarks of FMC Corporation or an affiliate. Trademarks of DuPont, Dow AgroSciences or Pioneer and their affiliated companies or their respective owners. Prosaro s a trademark of Bayer. Miravis and Tilt are trademarks of a Syngenta Group Company. ©2021 FMC Corporation. All rights reserved. 1/21

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