2019 FMC LUCENTO® AND TOPGUARD® EQ FUNGICIDES ON-FARM GROWER YIELD TRIALS
Crop diseases can quickly turn the tables on a promising season. Being well-informed on the tools available is key to ensuring success. Explore how the FMC fungicide portfolio can help your growers see the results they expect.

TO LEARN MORE ABOUT THE FMC FUNGICIDE PORTFOLIO, VISIT FMCCROP.COM.

Untreated

Lucento® fungicide
5 fl. oz./A

Kansas State University, 2017
DISEASE CONTROL PERFORMANCE IS DEPENDENT ON A NUMBER OF FACTORS
but no two are more important than environment and conditions. To demonstrate the capabilities
of the growing FMC fungicide portfolio under a range of diverse elements, in 2019 FMC gave
hundreds of growers, crop consultants and universities from across the U.S. the opportunity to
trial **Lucento® and Topguard® EQ fungicides** in corn and soybeans. At the end of the season,
FMC received data from **more than 250 trials** spanning North Dakota to Louisiana, Washington
to Virginia. The results affirmed the industry-leading yield protection and positive return on
investment growers expect from Lucento and Topguard EQ fungicides. Assembled in the
following pages are summaries of these trials, which provide a **snapshot of the outstanding performance** experienced in these on-farm grower trials.

"THE RESULTS AFFIRMED THE INDUSTRY-LEADING YIELD PROTECTION AND POSITIVE RETURN ON INVESTMENT GROWERS EXPECT FROM LUCENTO AND TOPGUARD EQ FUNGICIDES."

Lowell, Michigan Lucento Fungicide Soybean Comparison

One example of the 2019 trials conducted around the U.S. In this field, a Lowell, MI grower applied one pass of Lucento fungicide and one pass of Delaro fungicide on his soybean field at R2. The visual difference is clear in this aerial photo of the field.
FMC Fungicide Disease Spectrum

FMC offers a growing portfolio of fungicides, including many different modes of action and methods to apply to help growers combat a wide range of diseases and manage resistance. Whether growers need defense from gray leaf spot, Northern corn leaf blight, white mold, frogeye leaf spot, cercospora leaf spot or other diseases, FMC fungicides get the job done.

<table>
<thead>
<tr>
<th><strong>CORN DISEASES</strong></th>
<th><strong>FRAC Group 3 + 7</strong></th>
<th><strong>FRAC Group 3 + 11</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Gray Leaf Spot (<em>Cercospora zeae-maydis</em>)</td>
<td>+++</td>
<td>++</td>
</tr>
<tr>
<td>Northern Corn Leaf Blight (<em>Bipolaris maydis</em>)</td>
<td>+++</td>
<td>+++</td>
</tr>
<tr>
<td>Common Rust (<em>Puccinia sorghi</em>)</td>
<td>+++</td>
<td>+++</td>
</tr>
<tr>
<td>Southern Rust (<em>Puccina ploysora</em>)</td>
<td>++</td>
<td>+++</td>
</tr>
<tr>
<td>Anthracnose Leaf Blight</td>
<td>+++</td>
<td>+++</td>
</tr>
<tr>
<td>Southern Corn Leaf Blight</td>
<td>+++</td>
<td>+++</td>
</tr>
<tr>
<td>Tar Spot</td>
<td>+++*</td>
<td>++*</td>
</tr>
<tr>
<td>Physoderma Brown Spot</td>
<td>+++</td>
<td>NL</td>
</tr>
<tr>
<td>Diplodia Ear/Stalk Rot</td>
<td>+++</td>
<td>NL</td>
</tr>
<tr>
<td>Eyespot</td>
<td>+++</td>
<td>+++</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>SOYBEAN DISEASES</strong></th>
<th><strong>FRAC Group 3 + 7</strong></th>
<th><strong>FRAC Group 3 + 11</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Frogeye Leaf Spot</td>
<td>+++</td>
<td>++</td>
</tr>
<tr>
<td>Cercospora Leaf Blight (purple seed stain)</td>
<td>+++</td>
<td>+++</td>
</tr>
<tr>
<td>Target Spot</td>
<td>+++</td>
<td>++</td>
</tr>
<tr>
<td>Brown Spot (<em>Septoria</em>)</td>
<td>+++</td>
<td>++</td>
</tr>
<tr>
<td>White Mold</td>
<td>++</td>
<td>+</td>
</tr>
</tbody>
</table>

* Recommendation is permitted under FIFRA Section 2(ee) for use in corn (field, corn grown for seed and popcorn) for control of tar spot in Illinois, Indiana, Iowa, Michigan, Minnesota, Ohio and Wisconsin.

NL = Not Labeled
FMC FUNGICIDE PORTFOLIO

FMC offers two superior fungicide options for corn and soybean fields. Use either product and get maximum protection and long-lasting disease control helping resulting in top-end yield performance.

Lucento® Fungicide

• FIRST OF ITS KIND: Lucento® fungicide combines bixafen, a new-generation SDHI molecule, and flutriafol, the most systemic triazole on the market.

• ACTIVE INGREDIENT MOVEMENT: This unique fungicide delivers active ingredients through translaminar and acropetal movement, providing uniform leaf distribution, disease protection and long-lasting residual control.

• RESISTANCE MANAGEMENT TOOL: With two highly active modes of action, Lucento fungicide targets the most aggressive diseases and is effective against some that are resistant to Group 11 fungicides.

Topguard® EQ Fungicide

• UNIQUE: The only premix that combines the highly systemic actives flutriafol and azoxystrobin for a strong dual mode of action product that provides excellent disease control and a long residual.

• PLANT HEALTH: Topguard® EQ fungicide offers plant health benefits such as decreased ethylene production, increased carbon assimilation and enhanced water and nutrient uptake.

• PROTECTION: Topguard EQ fungicide is highly systemic, meaning it protects against disease before onset and has a strong residual to keep the plant protected for longer.
2019 FMC LUCENTO® AND TOPGUARD® EQ FUNGICIDES ON-FARM GROWER YIELD TRIALS

SOYBEANS
Lucento® Fungicide Advantage -
% of trials where Lucento fungicide out-yielded untreated comparison
and average yield increases.

**Average Yield Increase vs. Untreated (Bu/A)**

- **U.S. Trials**: 4.3 Bu/A
  - Yield Increase 91%
  - 73/80 trials
- **Iowa**: 4.5 Bu/A
  - Yield Increase 83%
  - 10/12 trials
- **Illinois**: 3.4 Bu/A
  - Yield Increase 100%
  - 14/14 trials
- **Indiana**: 2 Bu/A
  - Yield Increase 85%
  - 6/7 trials

**NE/KS/MO**: 6.5 Bu/A
- Yield Increase 83%
- 5/6 trials

**WI/MN/SD**: 3.7 Bu/A
- Yield Increase 90%
- 9/10 trials

**AR/MS/LA**: 3.9 Bu/A
- Yield Increase 100%
- 9/9 trials

**PA/NC**: 6.8 Bu/A
- Yield Increase 75%
- 3/4 trials

**KY/Bootheel MO**: 7.2 Bu/A
- Yield Increase 100%
- 6/6 trials
## Lucento® fungicide – 2019 On-Farm Grower Trials Across the Midwest

**Competitive Comparison: Soybeans.**

<table>
<thead>
<tr>
<th>Comparative Treatment</th>
<th>Lucento® Fungicide Advantage - % of trials where Lucento fungicide out yielded competitive comparison (head-to-head).</th>
<th>Lucento Fungicide Advantage vs. Competitive Comparison in Head-to-Head trials (bu/A)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Untreated</td>
<td>91% of trials (73 of 80 trials across U.S.)</td>
<td>+4.3 bu/A</td>
</tr>
<tr>
<td>Trivapro® fungicide</td>
<td>100% (5 of 5 locations)</td>
<td>+2.8 bu/A</td>
</tr>
<tr>
<td>Priaxor® D fungicide</td>
<td>85.7% (6 of 7 location)</td>
<td>+2.1 bu/A</td>
</tr>
<tr>
<td>Delaro® fungicide</td>
<td>80% (4 of 5 locations)</td>
<td>+2.2 bu/A</td>
</tr>
<tr>
<td>Revytek™ fungicide</td>
<td>50% (2 of 4 locations)</td>
<td>+1.7 bu/A</td>
</tr>
<tr>
<td>Stratego® YLD fungicide</td>
<td>100% (4 of 4 locations)</td>
<td>+2.8 bu/A</td>
</tr>
<tr>
<td>Aproach®/Aproach® Prima fungicide</td>
<td>100% (3 of 3 locations)</td>
<td>+3.2 bu/A</td>
</tr>
<tr>
<td>Quadris Top® SBX fungicide</td>
<td>63% (5 of 8 locations)</td>
<td>+4.6 bu/A</td>
</tr>
<tr>
<td>Miravis® Neo fungicide</td>
<td>50% (3 of 6 locations)</td>
<td>+1.67 bu/A</td>
</tr>
<tr>
<td>Miravis® Top fungicide</td>
<td>50% (5 of 10 locations)</td>
<td>+1.0 bu/A</td>
</tr>
</tbody>
</table>
Lucento® Fungicide Grower On-Farm Trials | Iowa Locations
12 Side-by-Side Iowa Grower On-Farm Trials - 2019

Soybean Yields (bu/A)

77
76
75
74
73
72
71

AVERAGE YIELD INCREASE VS. UNTREATED (BU/A)

Lucento® fungicide

76

72.8

Untreated

Iowa State University, Ames, IA

Untreated

Lucento fungicide (5 oz./A)

Aproach® fungicide (9 oz./A)
Lucento® Fungicide Grower On-Farm Trials | Illinois Locations
14 Side-by-Side Illinois Grower On-Farm Trials - 2019

Lucento fungicide vs. Untreated, Illinois Locations

Lucento® fungicide: 69.7 bu/A
Untreated: 66.3 bu/A

Lucento Fungicide Grower On-Farm Trials | Indiana Locations
7 Side-by-Side Indiana Grower On-Farm Trials - 2019

Lucento fungicide vs. Untreated, Indiana Locations

Lucento fungicide: 55.3 bu/A
Untreated: 53.3 bu/A
Lucento® Fungicide Grower On-Farm Trials | Kansas/Nebraska/Missouri Locations
6 Side-by-Side Grower On-Farm Trials - 2019

Lancaster Co., NE
49 days after Lucento fungicide treatment

Soybean Yields (bu/A)

AVERAGE YIELD INCREASE VS. UNTREATED (BU/A)

<table>
<thead>
<tr>
<th></th>
<th>Soybean Yields (bu/A)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lucento® fungicide</td>
<td>71.6</td>
</tr>
<tr>
<td>Untreated</td>
<td>67.3</td>
</tr>
</tbody>
</table>

Strageto® YLD fungicide 3 oz. + Leverage® insecticide 2.8 oz.
Lucento® fungicide 5 oz. + Hero® insecticide 5 oz.
Lucento® Fungicide Grower On-Farm Trial | Nebraska
JS Lucento fungicide demo | Kearney Co., NE | August 16, 2019

Soybean Yields (bu/A)

AVERAGE YIELD INCREASE VS. UNTREATED (BU/A)

10 Side-by-Side Grower On-Farm Trials - 2019

Lucento Fungicide Grower On-Farm Trials | South Dakota/Minnesota/Wisconsin Locations
Soybean Yield Challenge Report  
Vernon County, MO  
Becks 4991X2 | Planted 6/13/19, Harvested 11/4/19, Fungicide Applied 8/29/19:  
Lucento® fungicide 5 oz./A + Hero® insecticide 5 oz./A  
Priaxor® fungicide 7 oz./A + Hero insecticide 5 oz./A

<table>
<thead>
<tr>
<th>Treatment</th>
<th>Average Yield</th>
<th>Acres</th>
<th>Moisture</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lucento® fungicide + Hero® insecticide</td>
<td>77.6 bu/A</td>
<td>8.5</td>
<td>13.6%</td>
</tr>
<tr>
<td>Check</td>
<td>70.9 bu/A</td>
<td>5.2</td>
<td>13.2%</td>
</tr>
<tr>
<td>Priaxor® fungicide + Hero insecticide</td>
<td>75.7 bu/A</td>
<td>9.0</td>
<td>13.4%</td>
</tr>
</tbody>
</table>
Topguard® EQ fungicide + Hero® insecticide | Illinois Grower On-Farm Trials - Soybeans
37 Side-by-Side Grower On-Farm Trials - 2019

Topguard® EQ fungicide 5 oz./A +
Hero® insecticide 5 oz./A vs. Untreated

Yield Response

Yield increase in 31 of 37 locations (84%)
73% location = +2.5 bu/A or greater
54% locations = + 4.0 bu/A or greater
Lucento® fungicide + Hero® insecticide | David City, NE - Soybeans

Treated Lucento® fungicide + Hero® insecticide trial (west side)

Untreated

<table>
<thead>
<tr>
<th>Acres</th>
<th>Moisture</th>
<th>Yield (bu/A)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>11.3%</td>
<td>77.7</td>
</tr>
<tr>
<td>4.2</td>
<td>11.4%</td>
<td>72.7</td>
</tr>
</tbody>
</table>

Topguard® EQ Fungicide + Hero Insecticide | Ohio Grower On-Farm Trials - Soybeans

29 Side-by-Side Grower On-Farm Trials - 2019

Soybean Yields (bu/A)

AVERAGE YIELDS (BU/A)

29 TRIALS

Topguard EQ fungicide 5 oz./A + Hero insecticide 5 oz./A

<table>
<thead>
<tr>
<th>AVERAGE YIELDS (BU/A)</th>
</tr>
</thead>
<tbody>
<tr>
<td>60.6</td>
</tr>
<tr>
<td>55.4</td>
</tr>
</tbody>
</table>
Yield Response (bu/A) Across 29 On-Farm Trials
Topguard® EQ fungicide 5 oz./A + Hero® insecticide 5 oz./A vs. Untreated

Yield increase in 25 of 29 locations (86%)
83% locations = +2.5 bu/A or greater
72 % locations = +4.0 bu/A or greater

Topguard EQ Fungicide 5 oz./A + Hero Insecticide 5 oz./A at R3
La Harpe, IL - 2019
Yield Response (bu./A) Across 6 Kentucky On-Farm Trials
Lucento fungicide 5.0 oz./A vs. Untreated

Yield increase from 3.2 to 25.0 bu/A across 6 trial locations.
Topguard® EQ fungicide + Hero® insecticide - Soybeans

Cayce, KY

Check: 55 bu/A
Topguard EQ fungicide + Hero insecticide: 80 bu/A

Lucento® Fungicide | Mid-South Grower On-Farm Trials - Soybeans
6 Side-by-Side Grower On-Farm Trials - 2019

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>LUCENTO® FUNGICIDE YIELD</th>
<th>COMPETITIVE PRODUCT YIELD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clarksdale, MS</td>
<td>67 bu/A</td>
<td>Quadris Top® SBX fungicide – 57 bu/A</td>
</tr>
<tr>
<td>Monterey, LA</td>
<td>55 bu/A</td>
<td>Miravis® Top fungicide – 54 bu/A</td>
</tr>
<tr>
<td>Winnsboro, LA</td>
<td>60 bu/A</td>
<td>Miravis Top fungicide – 59 bu/A</td>
</tr>
<tr>
<td>Crawfordsville, AR</td>
<td>76 bu/A</td>
<td>Revytek® fungicide – 74 bu/A</td>
</tr>
<tr>
<td>Crawfordsville, AR</td>
<td>50 bu/A</td>
<td>Stratego® YLD fungicide – 48 bu/A</td>
</tr>
<tr>
<td>Tensas Parish, LA</td>
<td>58 bu/A</td>
<td>Aproach® Prima fungicide – 56 bu/A</td>
</tr>
</tbody>
</table>
Lucento® Fungicide Grower On-Farm Trials | Arkansas/Mississippi/Louisiana Locations
9 Side-by-Side Grower On-Farm Trials - 2019

Soybean Yields (bu/A)

AVERAGE YIELDS (BU/A)
9 TRIALS

Lucento® fungicide
60.4
Untreated
56.5

YIELD INCREASE (BU/A)

Lucento Fungicide Grower On-Farm Trials | Arkansas/Mississippi/Louisiana Locations
9 Side-by-Side Grower On-Farm Trials - 2019

Yield Increase vs. Untreated

YIELD INCREASE (BU/A)
2019 FMC LUCENTO® AND TOPGUARD® EQ FUNGICIDES ON-FARM GROWER YIELD TRIALS

CORN
Lucento® Fungicide | Grower On-Farm Trials in Corn
Midwest Locations - 27 Locations - 2019
Average Corn Yields in 27 Side-by-Side Grower On-Farm Trials - 2019

Average Corn Yields in 27 Individual Side-by-Side On-Farm Trials - Corn
Lucento fungicide @ 5 oz./A vs. Untreated

Yield Response (Bu/A) Across 27 Individual Side-by-Side On-Farm Trials - Corn
Lucento fungicide @ 5 oz./A vs. Untreated

Yield Range: 27 locations
• Lucento fungicide: 123 – 285 bu/A
• Untreated: 114 – 262 bu/A

*25 of 27 trials applied at VT-R2 stage corn.

Lucento fungicide increased corn yield in 96% of trials
81% locations >= +5.0 bu/A
67% locations >= + 8.0 bu/A
52% locations >= +10 bu/A
# 2019 Lucento® Fungicide On-Farm Grower Trials Across the Midwest Competitive Comparison: Corn

## Comparative Treatment

<table>
<thead>
<tr>
<th>Comparative Treatment</th>
<th>Lucento® Fungicide Advantage - % of trials where Lucento fungicide out yielded competitive comparison (head-to-head).</th>
<th>Lucento Fungicide Advantage vs. Competitive Comparison in Head-to-Head trials (bu/A)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Untreated</td>
<td>96% of trials (24 out of 25 trials across U.S.)</td>
<td>+14.2 bu/A</td>
</tr>
<tr>
<td>Trivapro® fungicide</td>
<td>78% (7 of 9 locations)</td>
<td>+3.6 bu/A</td>
</tr>
<tr>
<td>Headline AMP® fungicide</td>
<td>75% (3 of 4 locations)</td>
<td>+4.3 bu/A</td>
</tr>
<tr>
<td>Delaro fungicide / Delaro® fungicide + Luna® fungicide</td>
<td>100% (3 of 3 locations)</td>
<td>+10.9 bu/A</td>
</tr>
<tr>
<td>Veltyma™ fungicide</td>
<td>100% (2 of 2 locations)</td>
<td>+2.3 bu/A</td>
</tr>
</tbody>
</table>

## Lucento Fungicide for Gray Leaf Spot, Southern Rust

Kansas State University, 2019 River Valley Station, Rossville KS.

Lucento fungicide (5 oz.)  Untreated  Trivapro® fungicide (13.7 oz.)

Photos 9/6, R4 Stage 46 DAT
Lucento® Fungicide Grower On-Farm Trials | Iowa Locations - Corn
5 Side-by-Side Iowa Grower On-Farm Trials - 2019

Average Corn Yields (bu/A)

236
234
232
230
228
226
224
222
220

Lucento® fungicide
Untreated

234.5
225.2

AVERAGE YIELD INCREASE VS. UNTREATED (BU/A)

Lucento Fungicide Grower On-Farm Trials | Illinois Locations - Corn
5 Side-by-Side Iowa Grower On-Farm Trials - 2019

Average Corn Yields (bu/A)

215
210
205
200
195
190
185
180

Lucento fungicide
Untreated

210.6
190.6

AVERAGE YIELD INCREASE VS. UNTREATED (BU/A)
Lucento® Fungicide Grower On-Farm Trials | NE, KS & MO Locations - Corn
6 Side-by-Side Nebraska/Kansas/Missouri Grower On-Farm Trials - 2019

Waverly, NE
All treatments received Delaro® fungicide at V5. R1 Application applied July 26.
Lucento® Fungicide Grower On-Farm Trials | MN & SD Locations - Corn
6 Side-by-Side Minnesota/South Dakota Grower On-Farm Trials - 2019

Average Corn Yields (bu/A)

<table>
<thead>
<tr>
<th>Yield (bu/A)</th>
<th>Lucento fungicide</th>
<th>Untreated</th>
</tr>
</thead>
<tbody>
<tr>
<td>214.7</td>
<td></td>
<td>200.1</td>
</tr>
</tbody>
</table>

Lucento Fungicide Grower On-Farm Trials | MI, PA & VA Locations - Corn
3 Side-by-Side Michigan, Pennsylvania, Virginia Grower On-Farm Trials - 2019

Average Corn Yields (bu/A)

<table>
<thead>
<tr>
<th>Yield (bu/A)</th>
<th>Lucento fungicide</th>
<th>Untreated</th>
</tr>
</thead>
<tbody>
<tr>
<td>218.6</td>
<td></td>
<td>196.1</td>
</tr>
</tbody>
</table>
2019 Corn Yield Challenge Report
Pettis County, MO

Yield by Management Zone

<table>
<thead>
<tr>
<th>Treatment</th>
<th>BUSHELS/ACRE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lucento® fungicide</td>
<td>197.6</td>
</tr>
<tr>
<td>Veltyma™ fungicide</td>
<td>192.9</td>
</tr>
<tr>
<td>Delaro® Fungicide</td>
<td>191.4</td>
</tr>
<tr>
<td>Headline AMP® fungicide</td>
<td>190.7</td>
</tr>
<tr>
<td>Aproach® Prima fungicide</td>
<td>190.6</td>
</tr>
<tr>
<td>Trivapro® fungicide</td>
<td>185.5</td>
</tr>
<tr>
<td>Untreated</td>
<td>172.1</td>
</tr>
</tbody>
</table>
### Topguard EQ Fungicide Grower On-Farm Trial - Corn

**Shawnee County, Kansas - 2019**

- **AVERAGE YIELD INCREASE VS. UNTREATED (BU/A)**
  - Topguard EQ fungicide: 223
  - Trivapro fungicide: 196
  - Untreated: 192

### Lucento Fungicide Grower On-Farm Trial - Corn

**Hull, Iowa - 2019**

- **AVERAGE YIELD INCREASE VS. UNTREATED (BU/A)**
  - Lucento fungicide: 244.7
  - Trivapro fungicide: 239.6
  - Untreated: 232.2

### Lucento Fungicide Grower On-Farm Trial - Corn

**Wells, Minnesota - 2019**

- **CORN YIELDS (BU/A)**
  - Lucento fungicide: 229.89
  - Delaro fungicide: 214.1
  - Untreated: 207.5
### 2019 Representative Side-by-Side Corn Trial Comparisons (bu/A)

<table>
<thead>
<tr>
<th>Location</th>
<th>Lucento® fungicide</th>
<th>Untreated</th>
</tr>
</thead>
<tbody>
<tr>
<td>Keyesport, IL</td>
<td>262</td>
<td>215</td>
</tr>
<tr>
<td>Wayland, MI</td>
<td>226.8</td>
<td>209.5</td>
</tr>
<tr>
<td>Montgomery, MN</td>
<td>218</td>
<td>205</td>
</tr>
<tr>
<td>Campbelltown, PA</td>
<td>285</td>
<td>262</td>
</tr>
<tr>
<td>Wakonda, SD</td>
<td>188.6</td>
<td>179.5</td>
</tr>
<tr>
<td>Mulberry Grove, IL</td>
<td>202</td>
<td>171</td>
</tr>
<tr>
<td>Le Center, MN</td>
<td>221</td>
<td>184</td>
</tr>
</tbody>
</table>

### Tar Spot Infestation
Commercial Field – North Judson, IN

- Trivapro fungicide 13.7 oz. @ R1 FB
- Lucento fungicide 5 oz. @R3/R4
Lucento® Fungicide Grower On-Farm Trials | KY & MO Bootheel - Corn
2 Side-by-Side Kentucky and Southeastern Missouri Trials - 2019

Average Corn Yields (bu/A)

AVERAGE YIELD INCREASE VS. UNTREATED (BU/A)

Lucento® fungicide

Untreated

Topguard® EQ Fungicide Grower On-Farm Trials | KS, MO and KY Locations - Corn
3 Side-by-Side Trials in Kansas, Missouri and Kentucky - 2019

Average Corn Yields (bu/A)

AVERAGE YIELD INCREASE VS. UNTREATED (BU/A)

Topguard® EQ fungicide

Untreated
### Soybean Use Guidelines

<table>
<thead>
<tr>
<th>FRAC Group 3 + 7</th>
<th>FRAC Group 3 + 11</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Recommended Use Rate</strong></td>
<td>5 fl. oz./A</td>
</tr>
<tr>
<td><strong>Methods Allowed</strong></td>
<td>Ground, aerial, chemigation</td>
</tr>
<tr>
<td><strong>Adjuvants</strong></td>
<td>NIS or equivalent</td>
</tr>
<tr>
<td><strong>Maximum Number of Applications Per Season</strong></td>
<td>Two, do no exceed 11 fl. oz. per year</td>
</tr>
<tr>
<td><strong>Application Timing</strong></td>
<td>R1 – R5 (R1 – R3 recommended)</td>
</tr>
<tr>
<td><strong>PHI</strong></td>
<td>21 days</td>
</tr>
</tbody>
</table>

### Corn Use Guidelines

<table>
<thead>
<tr>
<th>FRAC Group 3 + 7</th>
<th>FRAC Group 3 + 11</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Recommended Use Rate</strong></td>
<td>5 fl. oz./A</td>
</tr>
<tr>
<td><strong>Methods Allowed</strong></td>
<td>Ground, aerial, chemigation</td>
</tr>
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<td><strong>Application Timing</strong></td>
<td>V5 – R4 (R1 – R3 recommended)</td>
</tr>
<tr>
<td><strong>PHI</strong></td>
<td>30 days</td>
</tr>
</tbody>
</table>
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