Time’s up for tough weeds:
Introducing Tavium Plus VaporGrip Technology for soybeans and cotton
The clock is ticking on weed management, and adding to the urgency is the rapid spread of tough weeds and resistance. With Tavium® Plus VaporGrip® Technology herbicide, soybeans and cotton are protected from weeds during a key time in the growing season. **Tavium is the first dicamba premix herbicide approved for use in dicamba-tolerant soybeans and cotton.** It offers the effectiveness of dicamba, plus up to three weeks longer residual control, with the addition of S-metolachlor, than dicamba alone.

Tavium delivers **contact and long-lasting residual control** of key broadleaf and grass weeds in Roundup Ready 2 Xtend® Soybeans and Bollgard II® XtendFlex® Cotton. Tavium is a powerful premix combination of dicamba and S-metolachlor, delivering two effective sites of action (SOAs) to help manage the weeds you see and protect you from the weeds you don’t.

**When every minute counts, why Tavium?**

- Built-in **resistance management and convenience** as a premix
- Two effective SOAs for **contact and residual control** to manage key ALS-, PPO- and glyphosate-resistant weeds
- **Flexible application** from preplant through early post-emergence
- **Easy fit** in various tillage systems and geographies
- Can be tank mixed with several different herbicide offerings, **expanding the options for weed resistance management**
- When used in a program with a strong pre-emergence herbicide, such as Boundary® 6.5 EC, BroadAxe® XC or Prefix® herbicides, it provides the **best chance of a one-pass post-emergence herbicide application for soybeans**

**Proven post-emergence performance**
Tavium provides both burndown and added residual to manage Palmer amaranth, prickly sida, barnyardgrass and large crabgrass, among others, shown here.

**Extended residual control**

Tavium provides greater than 95 percent control of Amaranthus species more often than the competition.

Applied early post-emergence.

2017 university trials: Delaware, Illinois, Indiana, Iowa, Kansas, Kentucky, Mississippi, Missouri, Ohio, Nebraska, Tennessee, Wisconsin

- <95% Control
- >95% Control

<table>
<thead>
<tr>
<th>Tavium® + Roundup PowerMAX®</th>
<th>XtendiMax® With VaporGrip® Technology + Roundup PowerMAX®</th>
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<td>9%</td>
<td>44%</td>
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Syngenta trial HDC102A4; Mississippi; 2017

Syngenta trial USSD0H1162016; Louisiana; 2016

Treatments included Gramoxone® SL 2.0 herbicide 48 fl oz/A + NIS 0.25%

*The form of dicamba used in experimental trials was Clarity®. Clarity is not approved for use in Bollgard II XtendFlex Cotton.*
Management of key weeds and annual grass, including:

<table>
<thead>
<tr>
<th>Broadleaf weeds:</th>
<th>Grass weeds:</th>
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<tr>
<td>Palmer amaranth</td>
<td>Barnyardgrass</td>
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<tr>
<td>Waterhemp</td>
<td>Crabgrass spp.</td>
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<tr>
<td>Horseweed (marestail)</td>
<td>Foxtail spp.</td>
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<tr>
<td>Morningglory spp.</td>
<td>Lambsquarters</td>
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<tr>
<td>Ragweed spp.</td>
<td>Cocklebur</td>
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<tr>
<td>Pigweed spp.</td>
<td>Velvetleaf</td>
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Soybeans yield more when using Tavium vs. competitor offerings

Keeping time on your side with a strong full-season management program is the best way to manage weeds and preserve yield potential.

2017 university trials: Delaware, Illinois, Indiana, Iowa, Kansas, Kentucky, Mississippi, Missouri, Ohio, Nebraska, Tennessee, Wisconsin

The clock is ticking on resistance management

Tavium is most effective when used as part of a season-long weed management program combined with cultural practices. A burndown application plus a pre-emergence residual herbicide with multiple effective SOAs – such as Boundary 6.5 EC, BroadAxe XC or Prefix in soybeans, or Caparol® 4L or Cotoran® 4L herbicides in cotton – followed by an early post-emergence application of Tavium can help reduce the weed seed bank, increase diversity within a herbicide program and fight resistance.

Don’t let the clock run out on your herbicide management plan – speak to your retailer or visit SyngentaUS.com/Tavium to learn more.

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Performance assessments are based upon results or analysis of public information, field observations and/or internal Syngenta evaluations. Trials reflect treatment rates commonly recommended in the marketplace.

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