



Tavium® *Plus VaporGrip® Technology*

syngenta®

Tavium Plus VaporGrip Technology for soybeans

Technical overview

Tavium® Plus VaporGrip® Technology herbicide delivers contact control of emerged broadleaf weeds and residual control of key broadleaf and grass weeds in Roundup Ready 2 Xtend® Soybeans. Tavium, a premix formulation of the active ingredients dicamba and S-metolachlor, delivers two effective sites of action (SOAs) to help maintain clean fields and manage weed resistance.

Key features

- Two effective SOAs for **contact and residual control** to manage key ALS-, PPO- and glyphosate-resistant weeds
- Built-in **resistance management** and **convenience** as a premix
- **Flexible application** from preplant through early post-emergence
- Easy fit in various tillage systems and geographies
- Use rate of **3.53 pt/A**
- Consistent **yield increase of 2 bu/A**

Active ingredients

1. Dicamba, a Group 4 herbicide technology, offers an alternative SOA to manage resistant weeds.
2. S-metolachlor, a Group 15 herbicide technology, provides residual weed control.

Proven post-emergence performance



Moses, Iowa; 2017

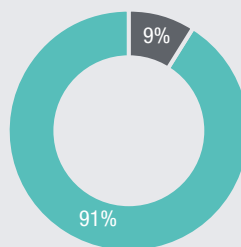


Tavium provides greater than 95 percent control of *Amaranthus* species more often than the competition

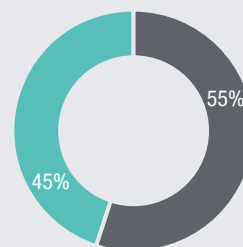
Applied early post-emergence.

2017 University Trials: Iowa, Illinois, Kansas, Tennessee, Wisconsin, Mississippi, Missouri, Kentucky, Ohio, Indiana, Nebraska, Delaware

<95% Control ■
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Tavium
+ Roundup PowerMAX

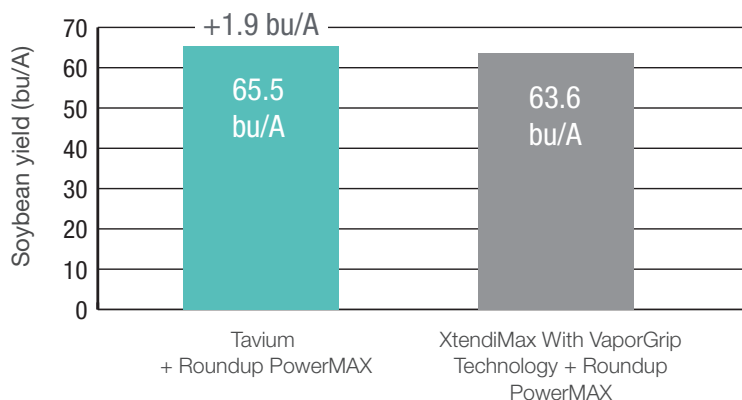


XtendiMax With VaporGrip
Technology + Roundup
PowerMAX

Management of key weeds and annual grass, including:

Preemergence:		Post-emergence:	
Barnyardgrass	Goosegrass	Black nightshade	Palmer amaranth
Black nightshade	Nightshade	Burcucumber	Pigweed
Broadleaf signalgrass	Palmer amaranth	Florida beggarweed	Ragweed (common and giant)
Crabgrass	Pigweed	Hemp sesbania	Russian thistle
Fall panicum	Waterhemp	Horseweed/marestail	Sicklepod
Florida pusley	Witchgrass	Kochia	Smartweed
Foxtails		Lambsquarters	Velvetleaf
		Morningglory	Waterhemp

Superior weed control produces greater soybean yields



2017 University Trials: Iowa, Illinois, Kansas, Tennessee, Wisconsin, Mississippi, Missouri, Kentucky, Ohio, Indiana, Nebraska, Delaware

Approved Syngenta herbicide tank-mix partners

Dual Magnum®	Medal® EC
Dual II Magnum®	Medal II EC
Flexstar®	Prefix®
Fusilade® DX	Reflex®
Gramoxone® SL 2.0	Sedona®
Gramoxone SL 3.0	

Resistance management

Driver weeds like Palmer amaranth have tremendous genetic diversity, which increases the chances of selecting for resistance.

Tavium is most effective when used as part of a season-long weed management program that includes a preemergence residual herbicide with multiple effective SOAs, such as Boundary® 6.5 EC, BroadAxe® XC or Prefix® herbicides, followed by an early post-emergence application of Tavium. An integrated season-long weed management program can help reduce the weed seed bank, increase diversity within a herbicide program and fight resistance.

For more information about Tavium, visit [SyngentaUS.com/Tavium](https://www.syngenta.com/Tavium).



Tavium®

Plus **VaporGrip®**
Technology

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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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