

# Tavium Plus VaporGrip Technology for cotton

## Technical overview

Tavium® Plus VaporGrip® Technology herbicide delivers contact control of emerged broadleaf weeds and residual control of key broadleaf and grass weeds in Bollgard II® XtendFlex® Cotton. 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**

## 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.

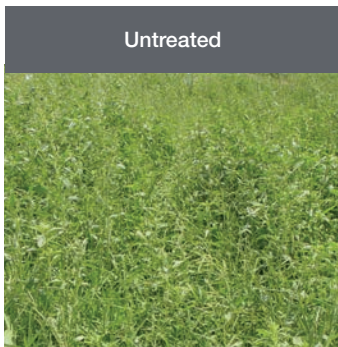
## Proven performance against Palmer amaranth and broadleaf signalgrass



## 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

## Proven performance – five weeks after treatment



Source: Syngenta, 2018; Beasley, Texas.

## Approved Syngenta herbicide tank-mix partners

Caparol® 4L	Gramoxone SL 3.0
Dual Magnum®	Medal® EC
Dual II Magnum®	Medal II EC
Fusilade® DX	Prefix®
Gramoxone® SL 2.0	Reflex®

## Resistance management

Tough 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 combined with cultural practices. A burndown herbicide, such as Gramoxone SL 3.0, plus a residual herbicide, such as Caparol 4L or Cotoran® 4L, 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.

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



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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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