

Transform[®] WG

Isoclast™ active

INSECTICIDE

Superior insect control in cotton and sorghum

Sap-feeding control

- Broad spectrum solution with great control of many sap-feeding insects
 - Plant Bugs
 - Aphids
 - Fleahoppers
- Unique mode of action, Group 4C insecticide
- Minimal impact on beneficial insects
- Does not flare mites or aphids
- Effective at low use rates

Application Rates Cotton

Pest	(fl oz/acre)
Tarnished Plant Bug and Western Tarnished Plant Bug	1.50 – 2.25
Cotton Aphid	0.75 – 1.0
Fleahoppers	1.25

Sugarcane aphid control

The only proven product under Section 18 emergency use exemptions to control Sugarcane Aphids

- Great knockdown and residual
- Unique mode of action, Group 4C insecticide
- Selective chemistry that has minimal impact on beneficial insects
- Does not flare mites or aphids
- Effective at low use rates – 1.5 oz./A delivers optimal control of Sugarcane aphids

Application Rates Sorghum

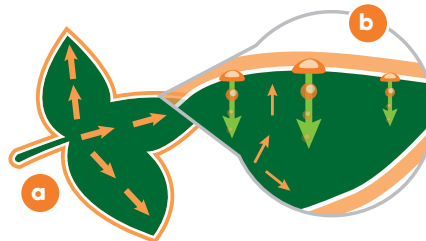
Pest	(fl. oz./acre)
Sugarcane Aphid	0.75-1.5 (0.023 - 0.047 lb. ai/acre)

Use a higher rate in the rate range for heavy pest populations



Comparison on Missed Application (left) vs. Transform[®] WG (right)

Systemic and translaminar properties provide excellent residual control



- a. Systemic Activity** - Moves upward through the plant xylem into new growth
- b. Translaminar Activity** - Moves from the surface of the leaf to inside the leaf

Mode of entry into pest



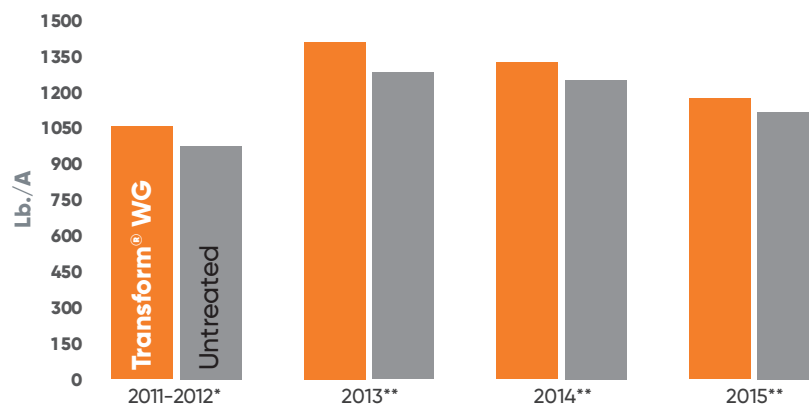
Transform[®] program yield advantage



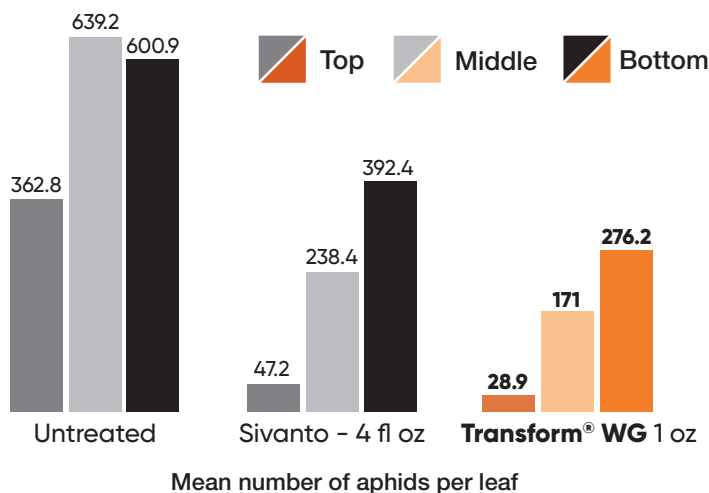
Consultant large plot trials from 2013-2016

Trial data - cotton

average of 37 lint lbs per acre advantage



Trial data – sorghum
knockdown efficacy of sugarcane aphids in sorghum
 Wayside, MS -2015-2016 (summary across 2 trials)



Best management practices

Planting considerations

- Plant a resistant hybrid, if one fits for your area
- Use a seed treatment
- Plant early

In season considerations

- Scout no matter what hybrid is planted
- Early infestations should be treated in a timely manner
- Always use labeled rates of the insecticide
- If multiple pests require management in addition to sugarcane aphid, be cognizant of pyrethroid impacts on natural enemy populations

Transform® may be tank mixed with a harvest aid if aphids are present near crop maturity

Cotton restrictions

- Pre-harvest Interval: 14 days
- Minimum Treatment Interval: 5 days
- Maximum of four applications per crop season
- No more than two consecutive applications per crop
- Maximum Number of Applications: Up to 8.5 oz (0.266 lb. a.i. of sulfoxaflor) of Transform® per acre per year

Sorghum restrictions

- Pre-harvest Interval: Do not apply within 14 days of grain or straw harvest or within 7 days of grazing, or forage, fodder, or hay harvest
- A restricted entry interval (REI) of 24 hours must be observed
- Comply with your state's section 18 label for maximum applications per acre per year
- Minimum Treatment Interval: Do not make applications less than 14 days apart
- Do not apply more than a total of 3.0 oz Transform® WG (0.09 lb. ai or sulfoxaflor per acre per year)
- Application volumes by ground or air should be at least 5 GPA
- Do not apply within 3 days of bloom or until after seed set
- Applications are prohibited in wind speeds greater than 10 mph

Visit us at corteva.us

®™Trademark of Dow AgroSciences, DuPont or Pioneer and their affiliated companies or respective owners.
 This reference guide is not intended as a substitute for the product label for the product(s) referenced herein. Product labels for the above product(s) contain important precautions, directions for use, and product warranty and liability limitations, which must be read before using the product(s). Applicators must be in possession of the product label(s) at the time of application. Always read and follow all label direction and precautions for use when using any pesticide alone or in tank-mix combinations. Transform WG is not registered for sale or use in all states. Contact your state pesticide regulatory agency to determine if a product is registered for sale or use in your state. ©2019 Corteva. CA01-396-022 COR (08/19)