

NipsIt INSIDE[®] Insecticide

FOR SORGHUM SEED PROTECTION





NipsIt INSIDE[®] Insecticide

NipsIt INSIDE[®] Insecticide provides excellent protection against major sorghum pests to help growers maximize stand, yield and plant health. State-of-the-art formulation means excellent handling, seed safety and performance.

NipsIt INSIDE Use on Sorghum

- Provides excellent control of major sorghum insects
- Provides good seed safety
- Convenient universal 5 FS formulation for all crops
- Compatible with commercial fungicide products
- Extreme adverse environmental conditions resulted in little seed protectant buildup with *NipsIt INSIDE*

Formulation Profile

- 5.0 lb/gal FS (600 grams ai/L product)
- Universal formulation for all crops
- Internal slip agent/polymer coating
- Excellent drying character
- Compatible with commercial fungicide products





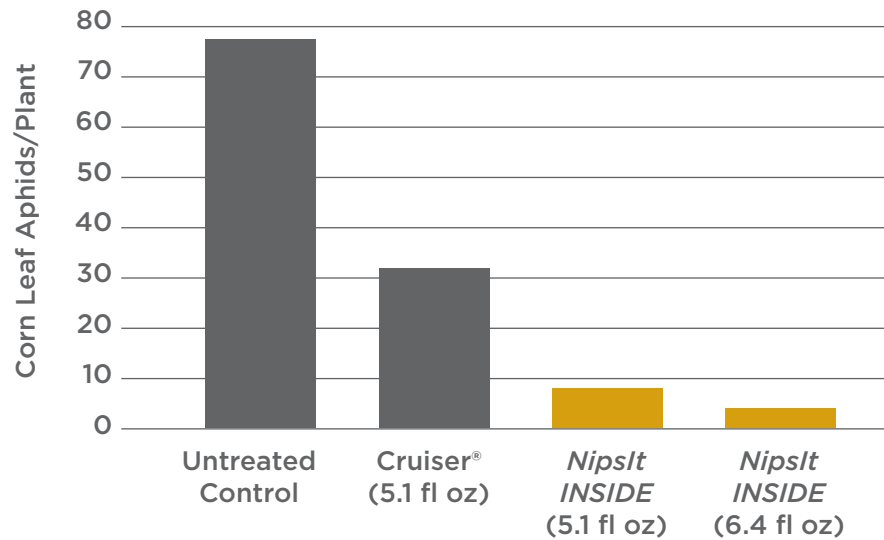
Sorghum

Crop	Insect Pests	<i>NipsIt INSIDE</i> Use Rates	Further Use Instructions
Sorghum	Black granulate cutworm Chinch bug Corn leaf aphid English grain aphid Greenbug Seed corn maggot White grub Wireworm Yellow sugarcane aphid	5.1 to 6.4 fl oz/100 lb seed	<i>NipsIt INSIDE</i> provides seed and seedling protection against listed pests.

Field Performance on Sorghum

Corn Leaf Aphid Damage

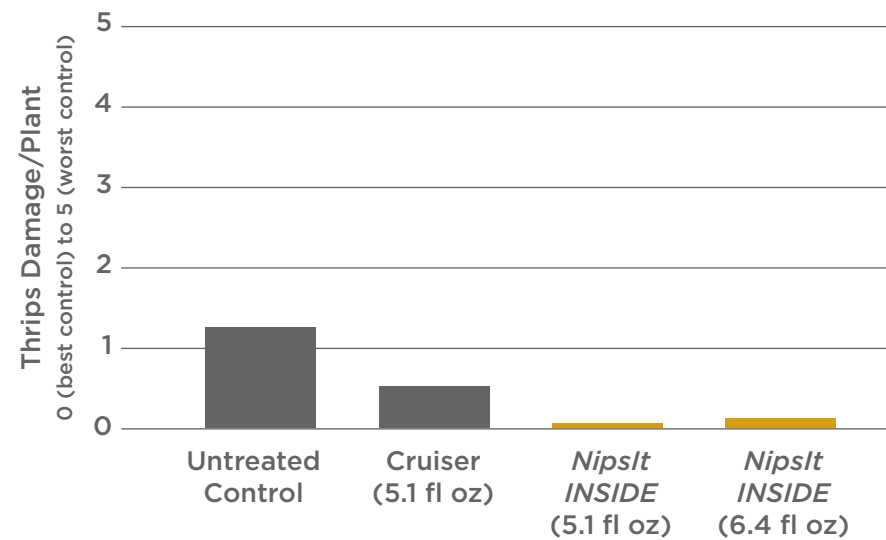
37 Days After Planting



Dr. Jim Swart, Texas A&M University at Commerce

Thrips Damage

15 Days After Planting

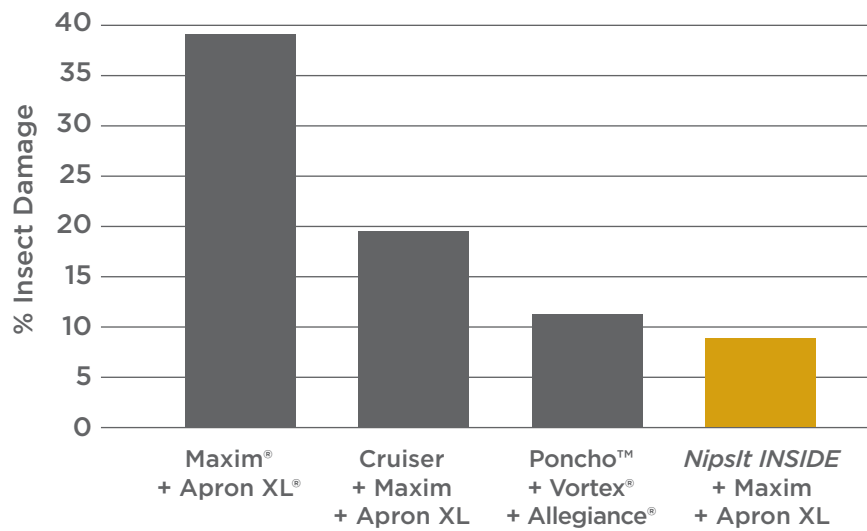


Dr. Gerald Wilde, Kansas State University
Trial Location: Chapman, KS



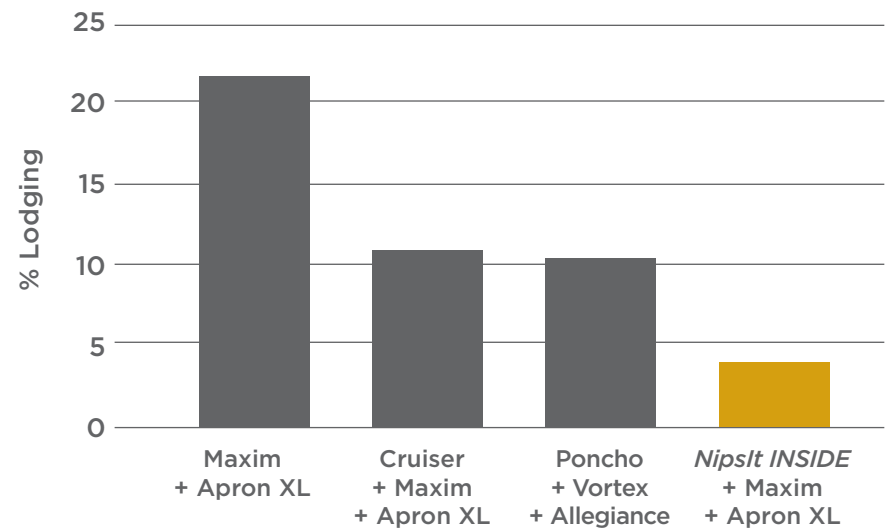


Insect Damage—Chinch Bug, Fire Ant and Sugarcane Beetle



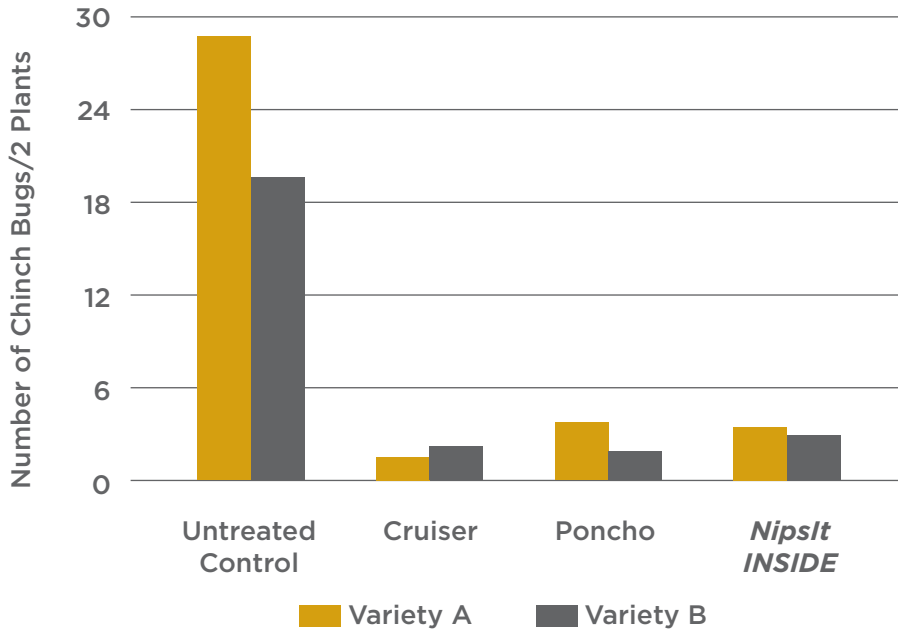
86.11 Source: LA location

Plant Lodging Due to Chinch Bug



86.11 Source: TX location

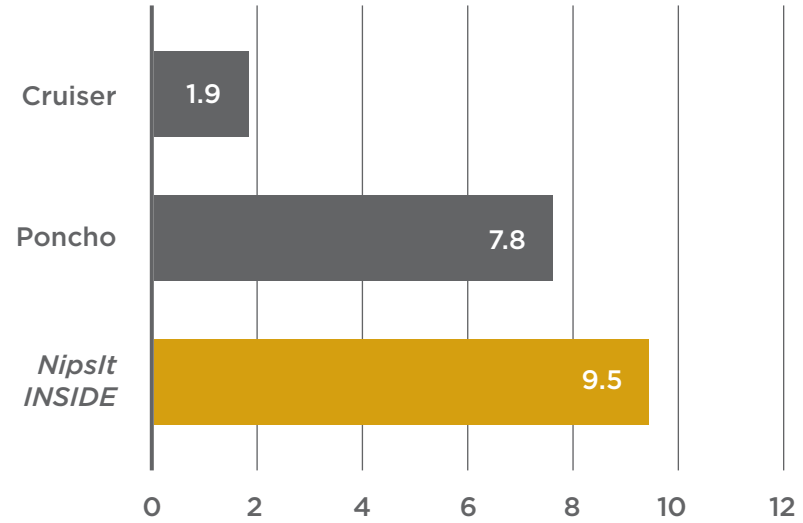
Chinch Bug: Sorghum Treated with *NipsIt INSIDE* vs. Cruiser and Poncho



86.01 Source: Dr. Whitworth—Kansas State University
All treatments at 200 grams ai/100 kg of seed

Yield: Sorghum Treated with *NipsIt INSIDE* vs. Cruiser and Poncho

Percent change in yield when compared to the untreated control

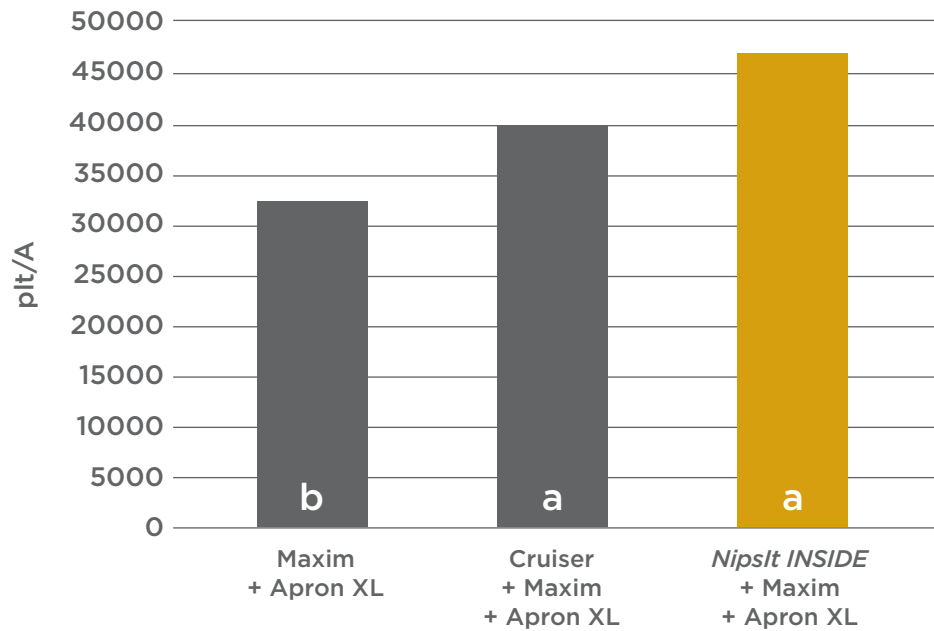


Data summary of 3 Oklahoma locations
All treatments at 200 grams ai/100 kg of seed





Plant Population



86.11 Source: alpha = 0.05 Summary across six locations (MS-2, OK, LA, NE, TX)

NipsIt INSIDE vs. Cruiser and Poncho

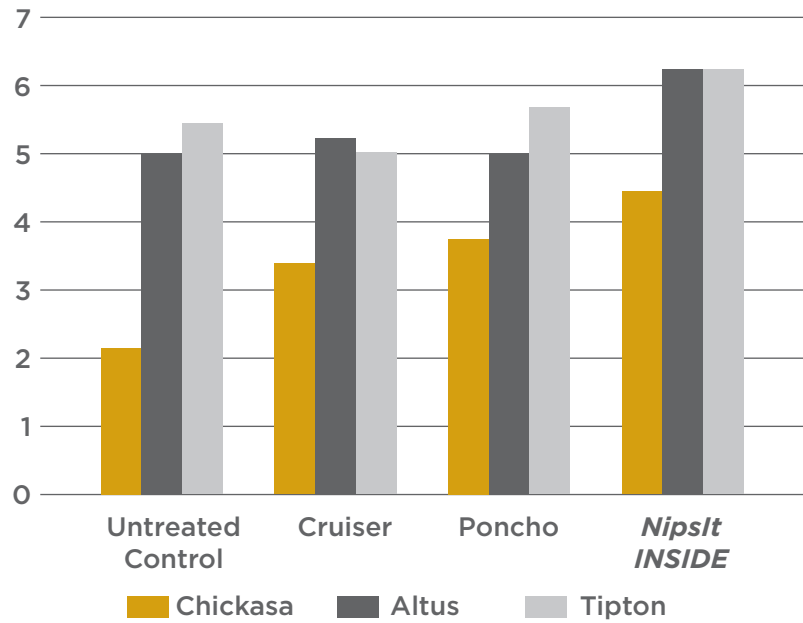


86.01 Source: Dr. Whitworth, Kansas State University

Cruiser vs. *NipsIt INSIDE* both with Maxim/Apron XL/Concep III®

Plant Vigor Ratings: Sorghum Treated with *NipsIt INSIDE* vs. Cruiser and Poncho

Plant Vigor at 21–28 Days After Planting



86.01 Source: T. Pitts - Oklahoma
All treatments at 200 grams ai/100 kg of seed



Cruiser



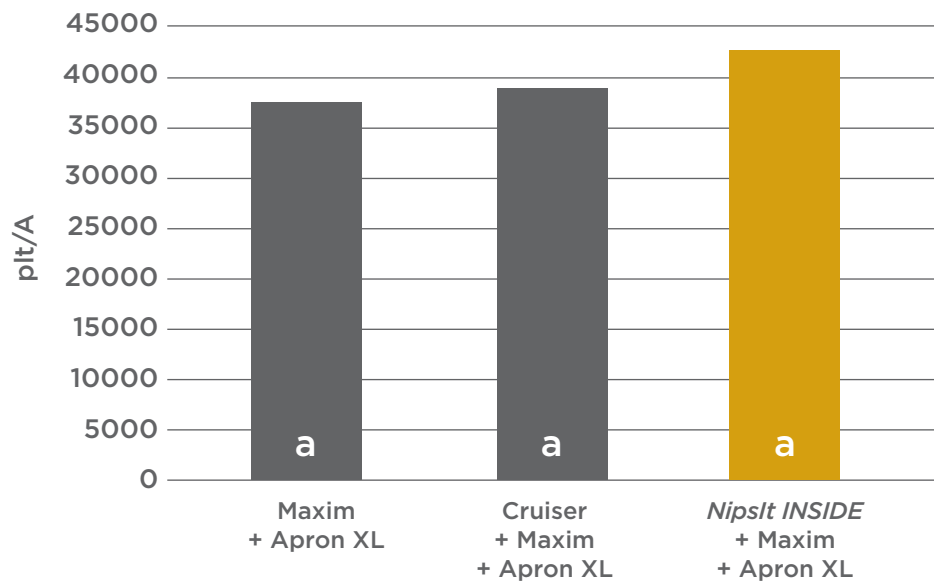
NipsIt INSIDE

86.13 Source: Jardine, Kansas State University



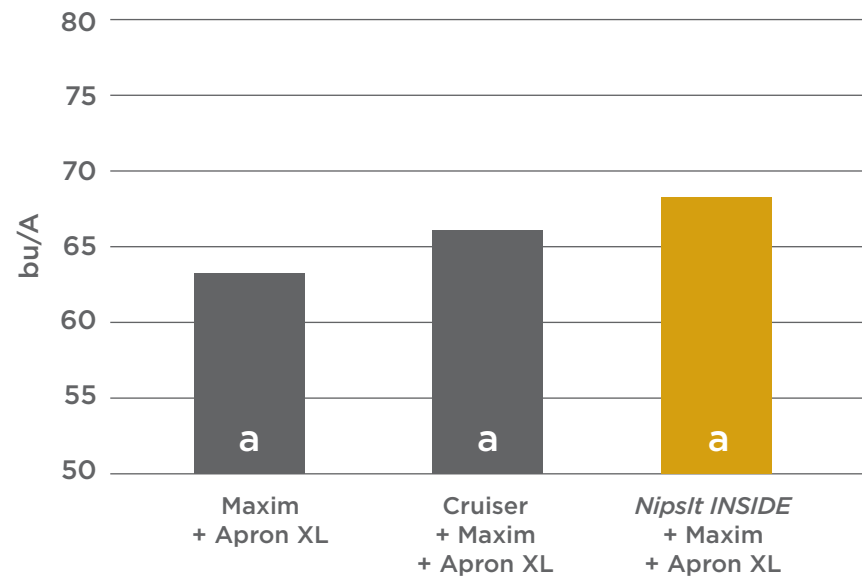


Plant Population



86.11 Source: alpha = 0.1 summary across 10 locations from 2008-2010

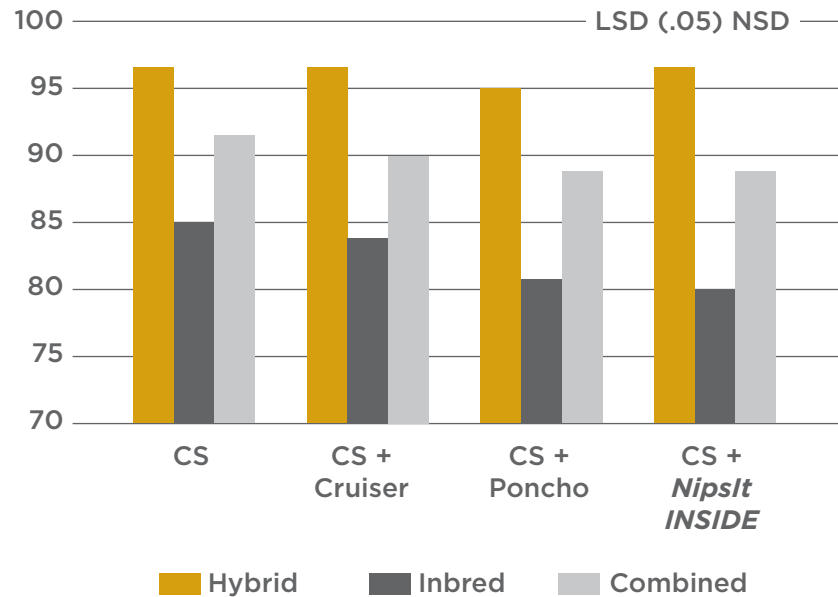
Yield Comparison



86.11 Source: alpha = 0.1 summary across 13 locations from 2008-2010

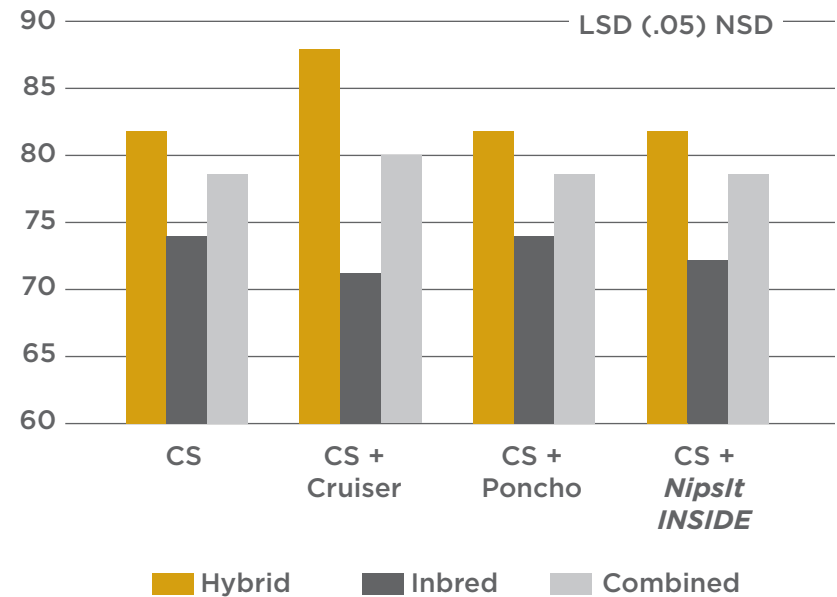
Seed Safety on Sorghum at 24 Months

% Germination
(Standard Germination Test)



CS = Commercial standard: Maxim/Apron XL/Concep III

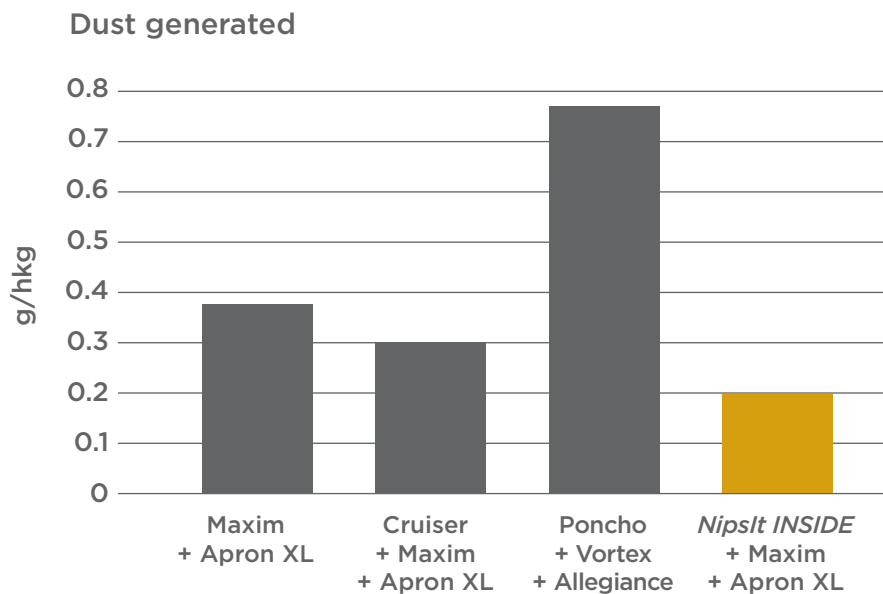
% Germination
(Cold Germination Test)



CS = Commercial standard: Maxim/Apron XL/Concep III



Heubach Dustmeter Results



Source: Valent Seed Protection Facility

What's being said about *NipsIt INSIDE*

“Everywhere I had *NipsIt INSIDE*, I had some across the turnrow that was either untreated or was treated with Cruiser. I saw better results with *NipsIt INSIDE* versus Cruiser turnrow to turnrow. In my opinion the fields looked cleaner, longer with *NipsIt INSIDE*. And treated versus untreated it was just night and day.”



—Caleb Fields
Seed treatment coordinator
and sales representative,
Wilbur-Ellis Company,
Rio Hondo, TX

