



Bringing plant potential to life



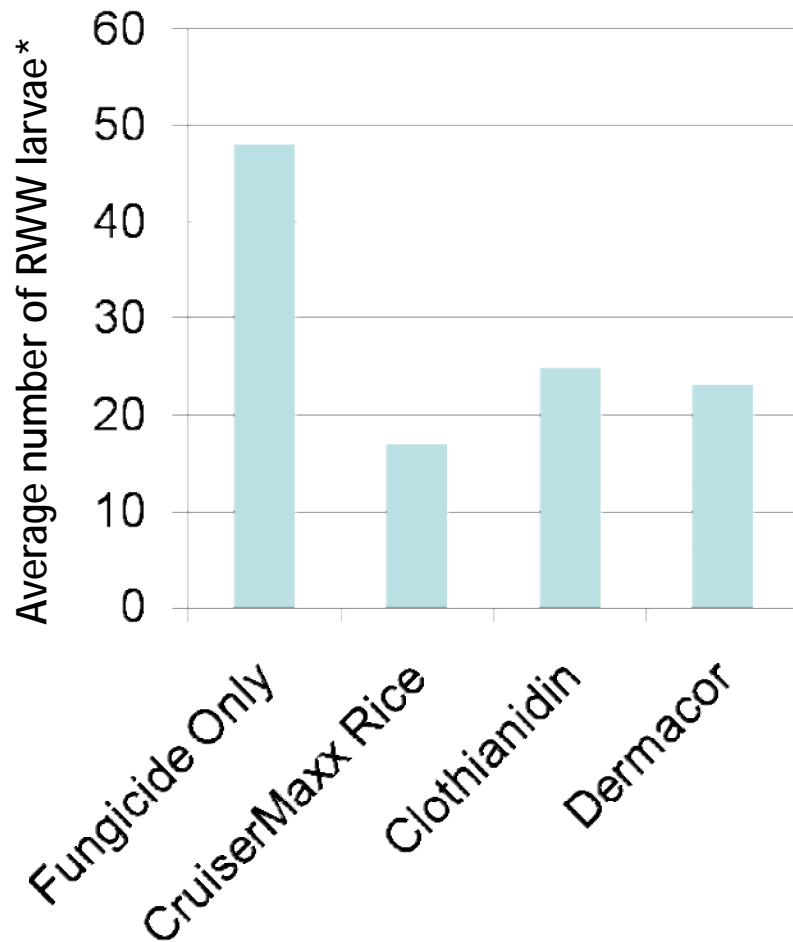
syngenta

LATMC Meeting 2010

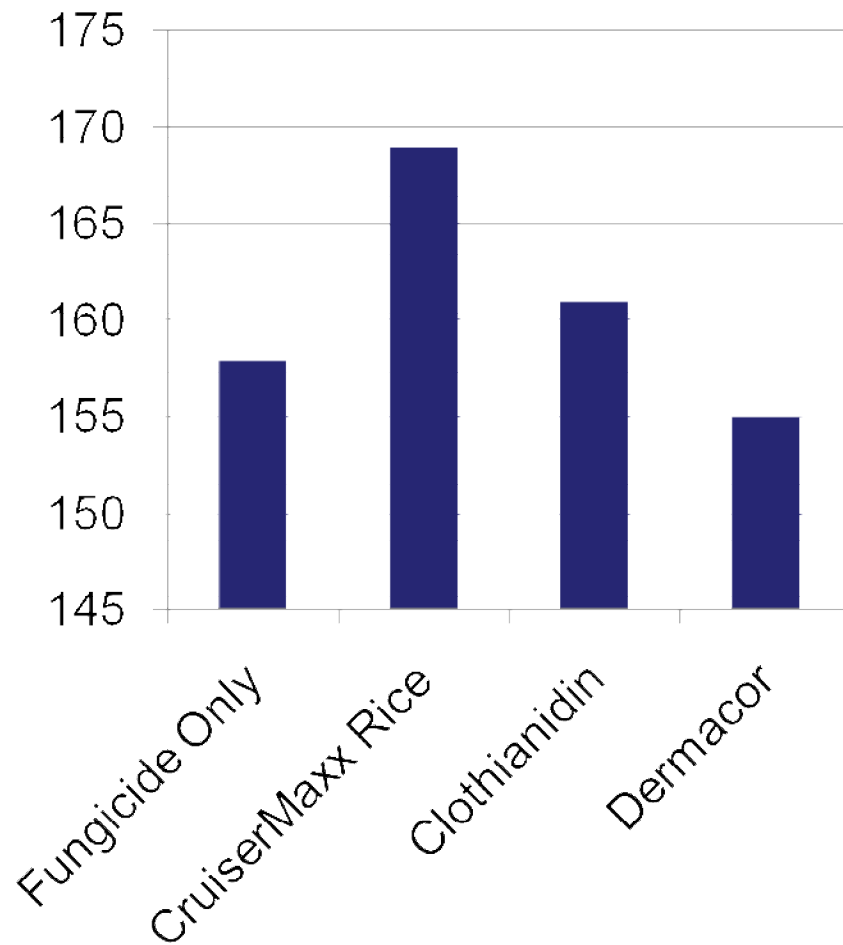
Jenny Buller, David Chaney, James Harp, David Y. Lanclos, Zach Langford,
Mark Matthews, Scott Martin, Robert Prince and Josh Zaunbrecher

Rice Water Weevil – Dr. Jeff Gore - 2009 (Mississippi)

RWW

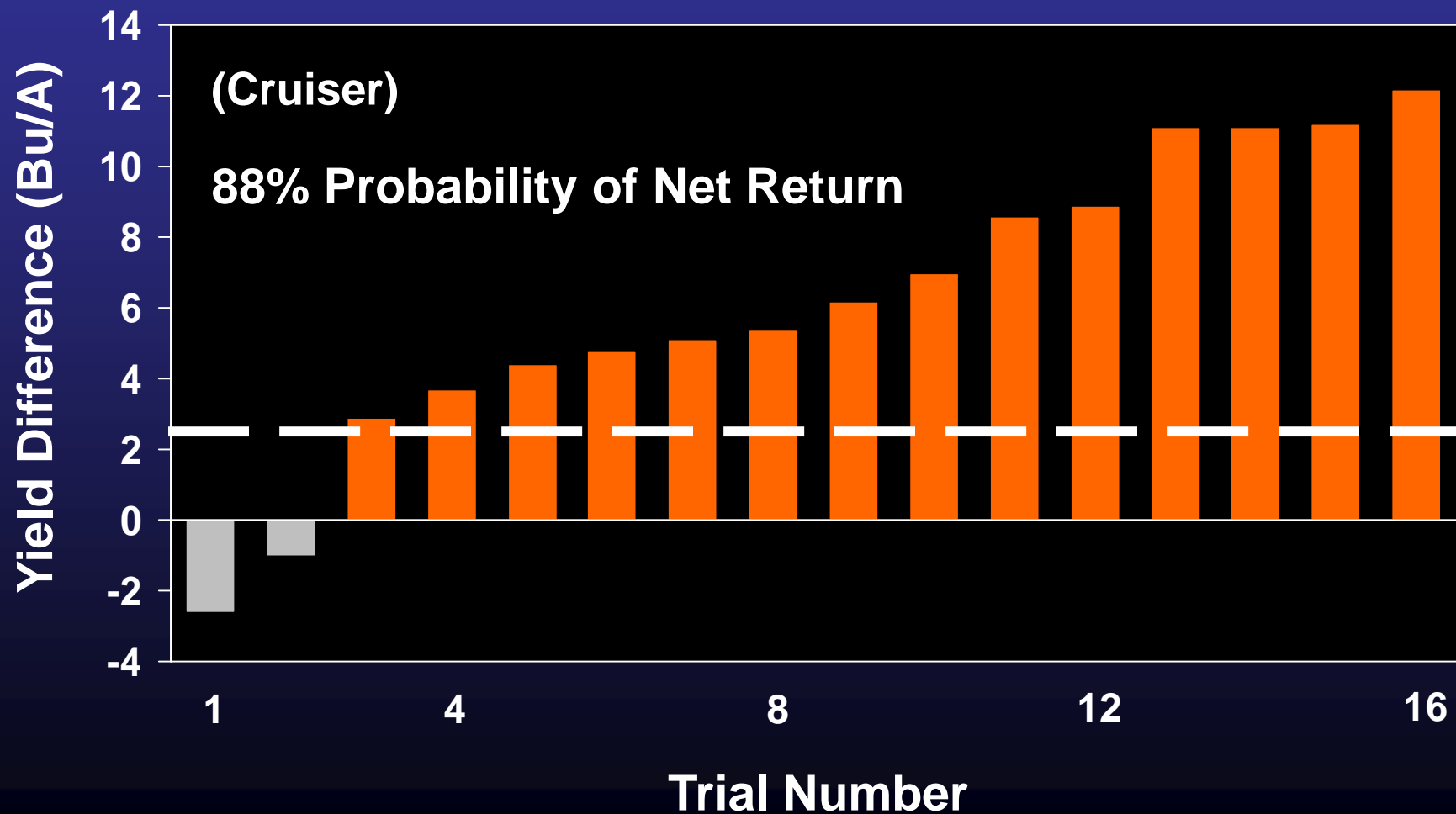


Bu/A



* Average number of RWW larvae from 3 soil cores

Rice IST Performance Mississippi – 2009 6.2 bu/Acre Average





Application Recommendations for Grain Sorghum

- **Labeled rate***: 1.5 if used twice up to 3.0 quarts a season.
- Apply PREPLANT up to 21 days prior to planting up to PRE with Concep III treated seed only. Do not apply to emerged GS.
- Preferred application is plant then spray or spray behind the planter.
- Do not apply Lexar to sandy soils of any sort.



Photo from Winnsboro, LA. Lexar PRE

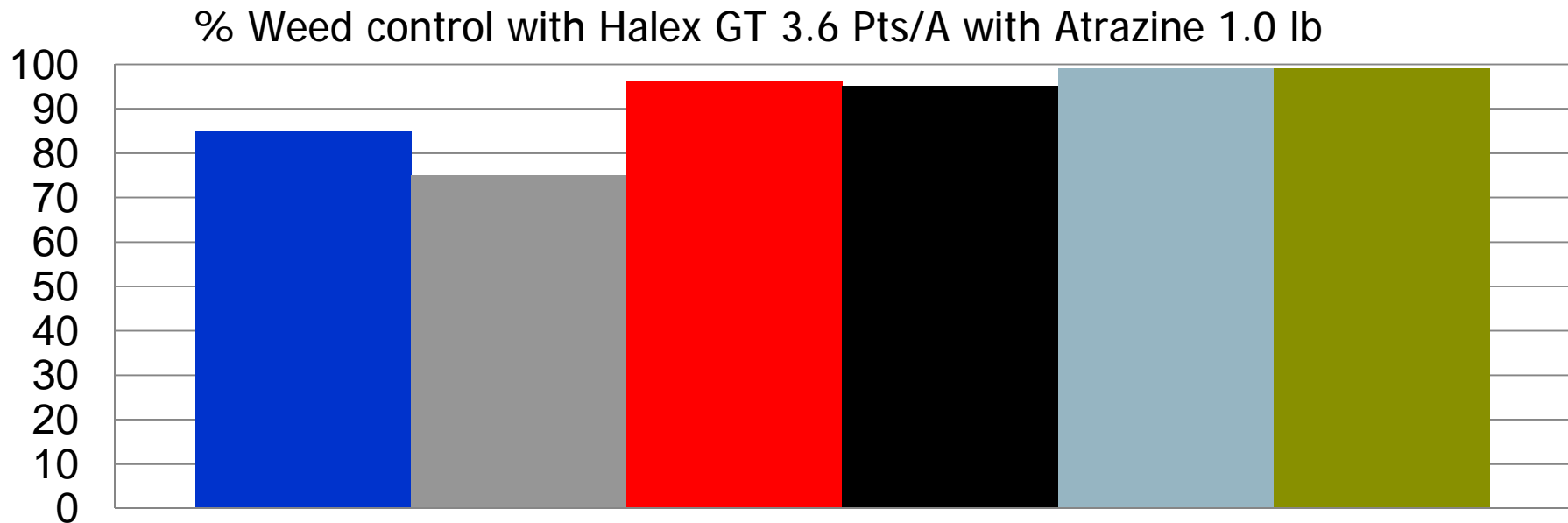
What is Flexstar[®] GT?



- Flexstar GT is a premix formulation of fomesafen (Flexstar) and glyphosate (Touchdown) for post-emergence use to control weeds in glyphosate tolerant (GT) soybeans. Flexstar GT is specifically for use on soybean acres with weeds that have developed or are likely to develop resistance to glyphosate and/or ALS-inhibitors

Flexstar GT	=	Touchdown Total	+	Flexstar
48 fl oz		31 fl oz		17 fl oz

Corn Trial, 09' – Conducted by Dr. Bill Williams, LSU AgCenter



Trial was an RCB with 4 replications. Conducted at the Northeast Research Station in St. Joseph, LA. Planted on April 1, 2009. Treatments applied on April 23, 2009 38" rows. Commerce silt loam. Irrigated. Yield for this treatment was 178 Bu/A compared to the nontreated at 151 Bu/A. Evaluated 57 days after application.

- Broadleaf signalgrass
- Johnsongrass
- Morningglory spp.
- Henbit
- Sicklepod
- Hemp sesbania

Resistance Fighter Solutions Module

Resistancefighter.com

- Provides personalized plan to beat resistant weeds in corn, soybeans and cotton (GT and LL)
- Enter where you live, what you grow and your worst weeds and module does the rest
- Growers and retailers receive a detailed resistance management plan, complete with Syngenta product recommendations

RESISTANCE SOLUTIONS

RESISTANT WEEDS TOLERANCE & WEED SHIFTS COST OF RESISTANCE CASE STUDIES DO YOU 2-1-2? YOUR SOLUTION

YOUR RESISTANCE MANAGEMENT SOLUTION

5. DO YOU KNOW YOUR PROBLEM WEEDS?

Please choose the most troublesome weed from the list:

Waterhemp

Do you have more problem weeds? Please check all that apply:

<input type="checkbox"/> Waterhemp	<input type="checkbox"/> Giant ragweed
<input type="checkbox"/> Pigweed	<input type="checkbox"/> Common ragweed
<input type="checkbox"/> Lambsquarters	<input type="checkbox"/> Barnyardgrass
<input type="checkbox"/> Velvetleaf	<input type="checkbox"/> Woolly Cupgrass
<input type="checkbox"/> Foxtail	<input type="checkbox"/> Horseweed (marehail)
<input type="checkbox"/> Cocklebur	<input type="checkbox"/> Morningglory (soybeans only)
<input type="checkbox"/> Glyphosate-tolerant volunteer corn	

BACK NEXT

START STEP 1 STEP 2 STEP 3 STEP 4 STEP 5 STEP 6 YOUR SOLUTION

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RESISTANCE FIGHTER .COM

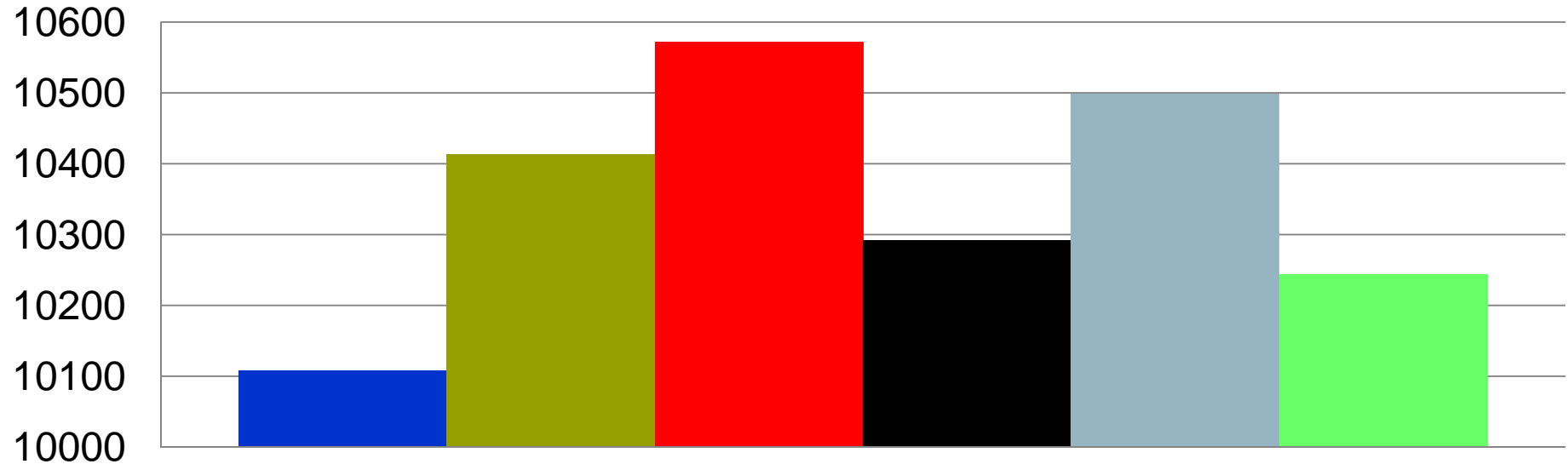
 **ResistanceFighter™**



Quilt Xcel Rate Conversion Chart

Oz. Quilt Xcel/acre	Oz. AZ (Quadris)	Oz. PPZ (Tilt)
7	4	2
10.5	6	3
14	8	4
17.5	10	5
21	11.9	6

Rice Yield in Pounds per Acre



Trial was an RCB with 5 replications. Conducted on the Erroll Lonsberry Farm in Lake Arthur, LA. Planted Cheniere at 100 pounds per acre on March 11, 2009 and sprayed treatments on June 12, 2009. PD plus 5 to 10 days. Rating done 47 days after application.

- UTC
- Quilt Xcel 17oz
- Quilt Xcel 21oz
- Stratego 19oz
- Quilt 28oz
- Quadris 9oz

Two-Shot Soybean Application System



A	Nontreated Check
B	Quadris	6 oz/A	R3
	Quadris	4 oz/A	R5.5
C	Quadris	6 oz/A	R3
D	Quadris	5 oz/A	R3
	Quadris	5 oz/A	R5.5

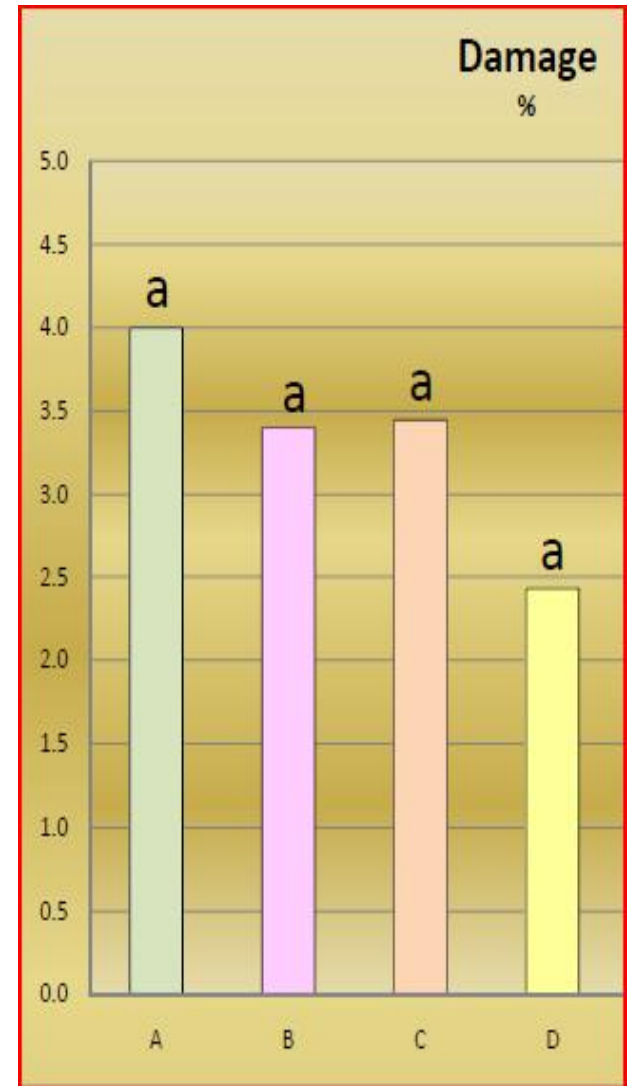
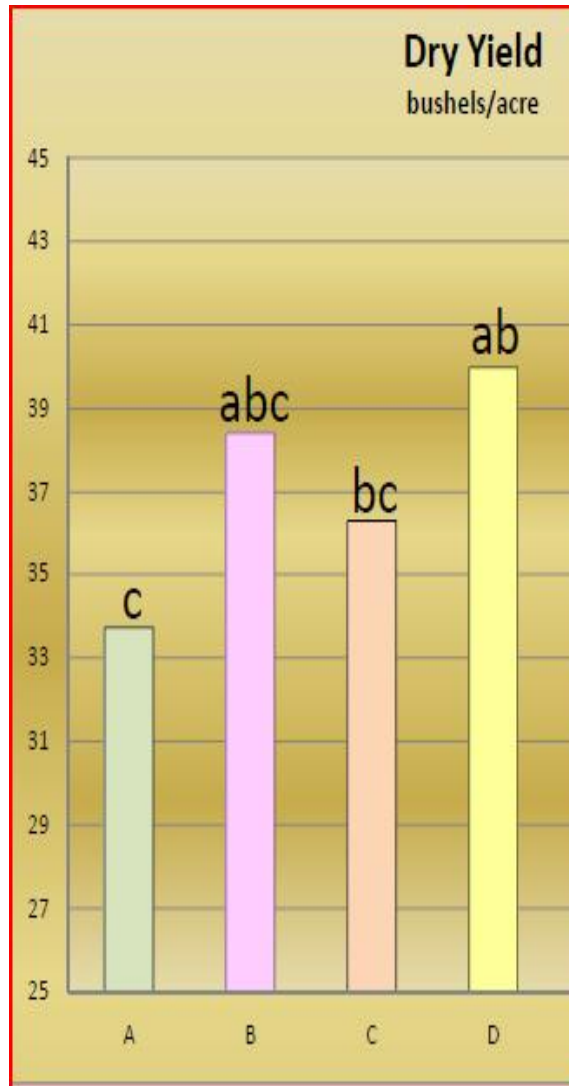
Study Parameters

Sprayer: Tractor w/ 18ft boom, 32 psi pressure, speed 5.0 mph, 15 GPA output, 8003FF tips, 18" nozzle spacing.

Row Configuration: 2 drills spaced 19" apart on top of raised 68" sugarcane bed. Plots consisted of three (3) sugarcane beds for a total of 6 drills/plot. Each plot extended the length of the field to equal approximately 0.30 acres. Seeding population was 9 seed/drill foot. Variety was Asgrow 4403 planted 5/02/09.

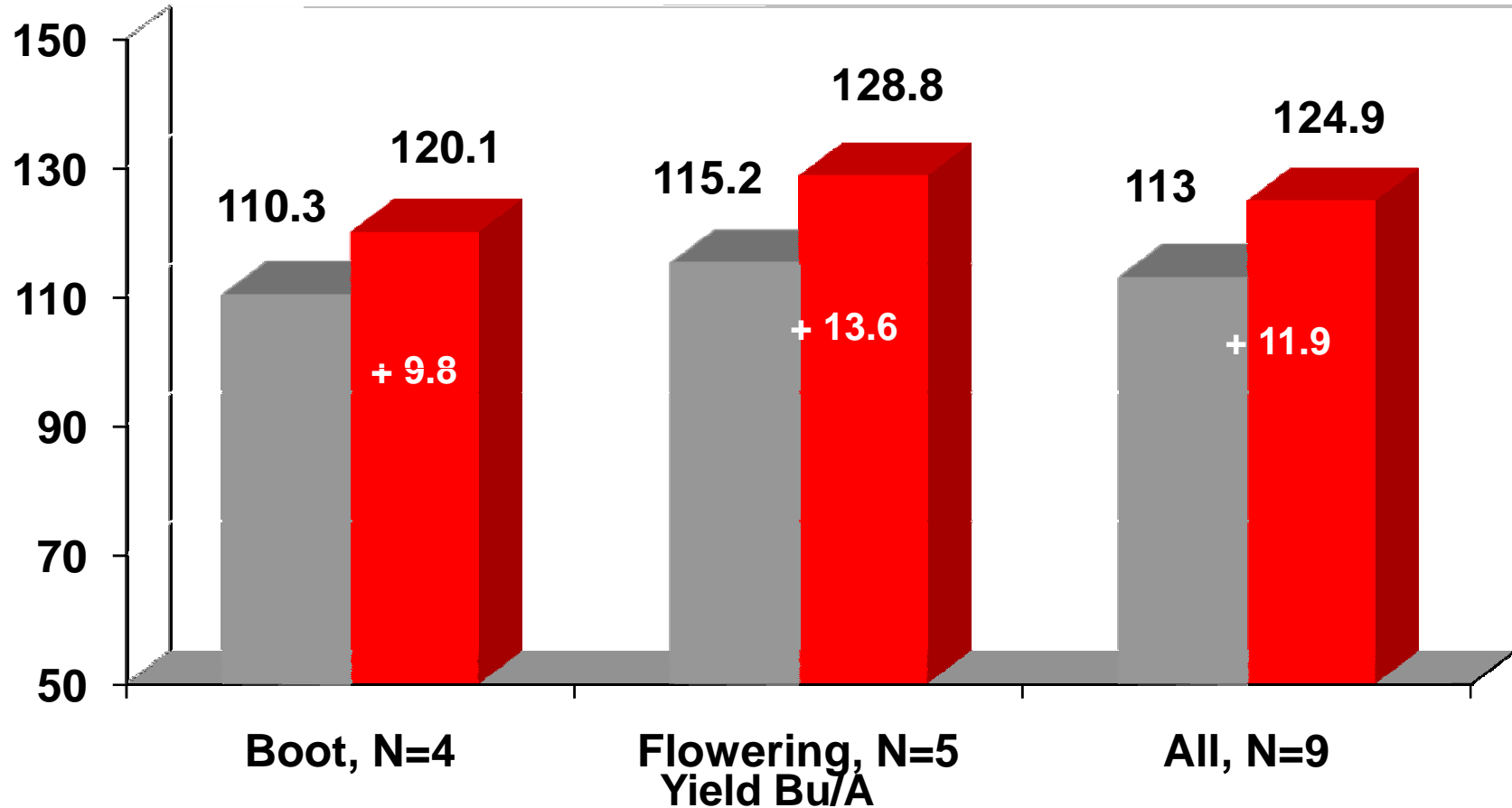


CALVIN VIATOR, PH.D.
AND ASSOCIATES, LLC





■ Untreated ■ Quadris 6.0 oz/A



9 direct comparisons at 7 sites in Arkansas. Crop consultants and UA Extension. Large block, commercially applied. 6 sites irrigated, 1 site dryland



Anthracnose Reduction



Bipolaris Reduction

Ground application. 10 oz Quilt Xcel applied very late in the season

- ∅ Pre-mix of Karate and Centric
- ∅ 4 oz/A – 1 gallon/32 acres
- ∅ 5 oz/A – 1 gallon/25 acres
- ∅ Labeled in cotton and soybeans

Endigo fl oz/Acre		Karate Z fl oz/Acre		Centric Oz/Acre
4.0	=	1.70	+	1.48
5.0	=	2.12	+	1.84

What is Afla-Guard?

Aflatoxin reductions with Afla-Guard in Texas corn

(2007 Dr. Thomas Isakeit, Texas A&M University)

(ppb)	College Station*	Prosper*
Control	32	30
Treated	6	3
Reduction	81%	90%

*Studies were inoculated with a toxigenic strain of *A. flavus* reference: Plant Disease Management Report 2:FC042



Legal Boilerplate Slide – Crop Protection Presentations

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AAtrex, Aatrex 4L, AAtrex Nine-O, Agri-Mek, AVICTA Duo, Bicep II Magnum, Bicep Lite II Magnum, Curacron, Cyclone Star, Denim, Endigo ZC, Epi-Mek, Expert, Force, Force CS, Force 3G, Gramoxone Inteon, Karate, Karate EC, Karate with Zeon Technology, Lexar, Lumax, Proclaim, Scimitar GC, Voliam Xpress, Warrior, Warrior with Zeon Technology and Warrior II with Zeon Technology are Restricted Use Pesticides.

Actara, Afla-Guard, Alto, Axial TBC, Durivo, Endigo, Flexstar GT, Inspire, Inspire Super MP, Inspire XT, Omega 500F, Platinum, Quadris Xtra, Quilt Xcel, Revus, Revus Top, Voliam Flexi and Voliam Xpress are not currently registered for sale or use in all states. Please check with your state or local extension service before buying or using these products. As of this time, Envoke is currently registered for use in the following states: AL,AR,AZ,CA,FL,GA,KS,KY,LA,MD,MS,NC,NM,OK,SC,TN,TX and VA. If your state is not listed, please check with your state or local extension service before buying or using this product.

Actara, Agri-Mek, Centric, Curacron, Denim, Durivo, Endigo, Karate with Zeon Technology, Karate, Platinum, Proclaim, Voliam Flexi, Voliam Express, Warrior with Zeon Technology, and Warrior II with Zeon Technology are highly toxic to bees exposed to direct treatment on blooming crops and weeds. Do not apply these products or allow them to drift onto blooming plants while bees are foraging adjacent to the treatment area.

AAtrex®, AAtrex® Nine-O™, Abound®, Achieve®, Actara®, Actigard®, Adigor®, Afla-Guard®, AgBiz™, AgExpert™, AgriEdge®, AgriEdge Excelsior™, AgriEdge Escalate™, Agri-Mek®, Agrisure®, Alamo®, Alto®, Amber®, Apron®, ApronMaxx®, ApronMaxx® RTA®, Apron XL®, Arbotect®, Armor®, AVICTA®, AVICTOR™, Avid®, Award®, Axial®, Barricade®, Beacon®, Bicep II Magnum®, Bicep Lite II Magnum®, Blockade®, Boundary®, Bravo®, Bravo Ultrex®, Bravo Weather Stik®, Bring Plant Potential to Life®, Callisto®, Callisto Plant Technology®, Cannonball®, Camix®, Caparol®, Centric®, Citation®, Citrus Scout®, Citrus Solutions®, Clinch®, Concep®, Cotton Advantage®, Cruiser®, Cruiser Extreme®, CruiserMaxx®, Cruiser Maxx®, Curacron®, CustomerLink™, Cyclone Star®, Daconil®, Daconil ULTREX®, Daconil Zn®, Daconil WeatherStik®, Demand®, Demon®, Denim®, Discover®, Dividend®, Dividend® XL RTA®, Dividend Extreme®, Dual Magnum®, Dual II Magnum®, Dual II G Magnum™, Durivo®, Dynasty®, Dynasty CST®, Eagle View™, Endigo®, Endeavor®, Envoke®, Epi-Mek®, Evik®, Expert®, FarmAssist®, FarMore®, Flagship®, Flexstar®, Force®, Fulfill®, Fusilade®, Fusion®, Glyphosate with Residual™, Graduate®, Gramoxone®, GRAMOXONE MAX®, Gramoxone Inteon®, Halex® GT, Havoc®, Headway®, Helix®, Helix Xtra®, Heritage®, Hurricane™, IQ Technology™, Inspire®, Instrata®, Isolink™, Karate®, Karate with Zeon Technology™, Lexar®, Lumax®, Maxim®, Medallion®, Mentor®, Meridian®, Mertect®, Mespert™, NorthStar®, Omega®, Orion®, Orbit®, Palisade®, Peak®, Pirimor®, Plant Performance™, Platinum®, Platinum Ridomil Gold®, Powered by Cruiser®, Power of Two™, Prefix®, Prime+™, Princep®, Princep® Caliber 90®, Proclaim®, Protégé®, Quadris®, Quadris Opti®, Quadris Ridomil Gold®, Quadris X-Factor™, Quadris Xtra®, Quilt®, Rave®, Reflex®, Reglone®, Resistance Fighter™, Revus®, Revus Top®, Ridomil®, Ridomil MZ®, Ricomil Gold®, RTA®, Scholar®, Scimitar®, Seed Care™, Sequence®, Solicam®, Spirit®, Spud Solutions®, Supercharge®, SuperWeatherStik®, Suprend®, Switch®, Syngenta Seed Care™, Tecto®, The AVICTOR™, The power to perform™, Thiolux®, Thiolux® Jet/Tilt®, Tilt®, Tilt Bravo™, Traxion®, Touchdown®, Touchdown HiTech®, Touchdown Pro®, Touchdown Total®, Trigard®, Trigard® Accu-Pak®, Trimmit®, Tuffcide®, Underground Security™, Uniform®, Vangard®, VipCot™, Voliam Flexi™, Voliam Xpress®, Wakil®, Warrior®, Warrior with Zeon Technology®, Warrior II with Zeon Technology®, Weather Stik®, Weatherblok®, X-Factor™, Zyrox® and the Syngenta logo are trademarks of a Syngenta Group Company. SIGNIA® and SIGNIA® Fiber are trademarks of a Syngenta Group Company and are licensed to the SIGNIA Cotton Cooperative. NK is a business unit of Syngenta Seeds, Inc. Omega® is a registered trademark of Ishihara Sangyo Kaisha, Ltd .

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