

Nichino America, Inc.

Scott Ludwig, PhD
Project Manager



NICHINO AMERICA®



Product Characteristics

Active Ingredient:

Flutolanil

Active Ingredient Per Gallon:

3.8 lbs a.i./gallon ~ Flutolanil

Signal Word:

Caution

Chemical Family:

SDHI



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What Elegia Offers

- Offers rice growers a reliable and effective fungicide that provides excellent control of both susceptible and resistant rice sheath blight at a cost effective price.
- Elegia helps protect your rice crop from yield losses associated with sheath blight.



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Additional Benefits

- Preventative and curative activity that stops disease progress and prevents future infections
- Systemic activity, providing protection throughout the entire sheath
- Non-strobilurin mode of action – to control or prevent the development of resistant sheath blight
- Excellent yield and quality results
- Safe to follow with crawfish



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Recommendation

Single Application Program: 32 fl oz/ac

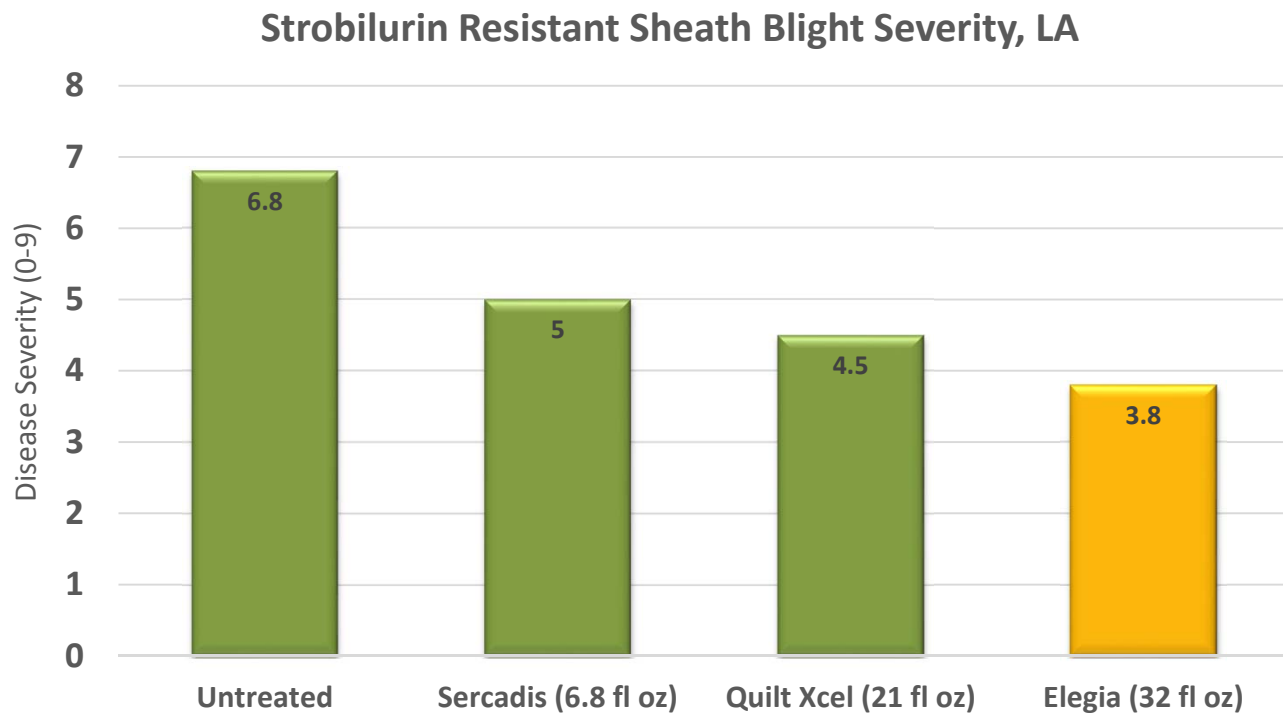
- Applied at a minimum of 5 gallons by air or 10 gallons by ground
- Apply early-boot to boot
- Elegia is only active on Sheath Blight in rice. For control of other diseases such as blast or smut, another labeled fungicide must be applied in a tankmix or spray program



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Fungicide Efficacy Against Strobilurin Resistant Sheath Blight

Dr. Don Groth – LSU AgCenter
Mowata, LA - 2015



All treatments included NIS (0.25% v/v)
Single applications made at boot
Trial conducted in a commercial rice field with a history of strobilurin resistant *Rhizoctonia solani*

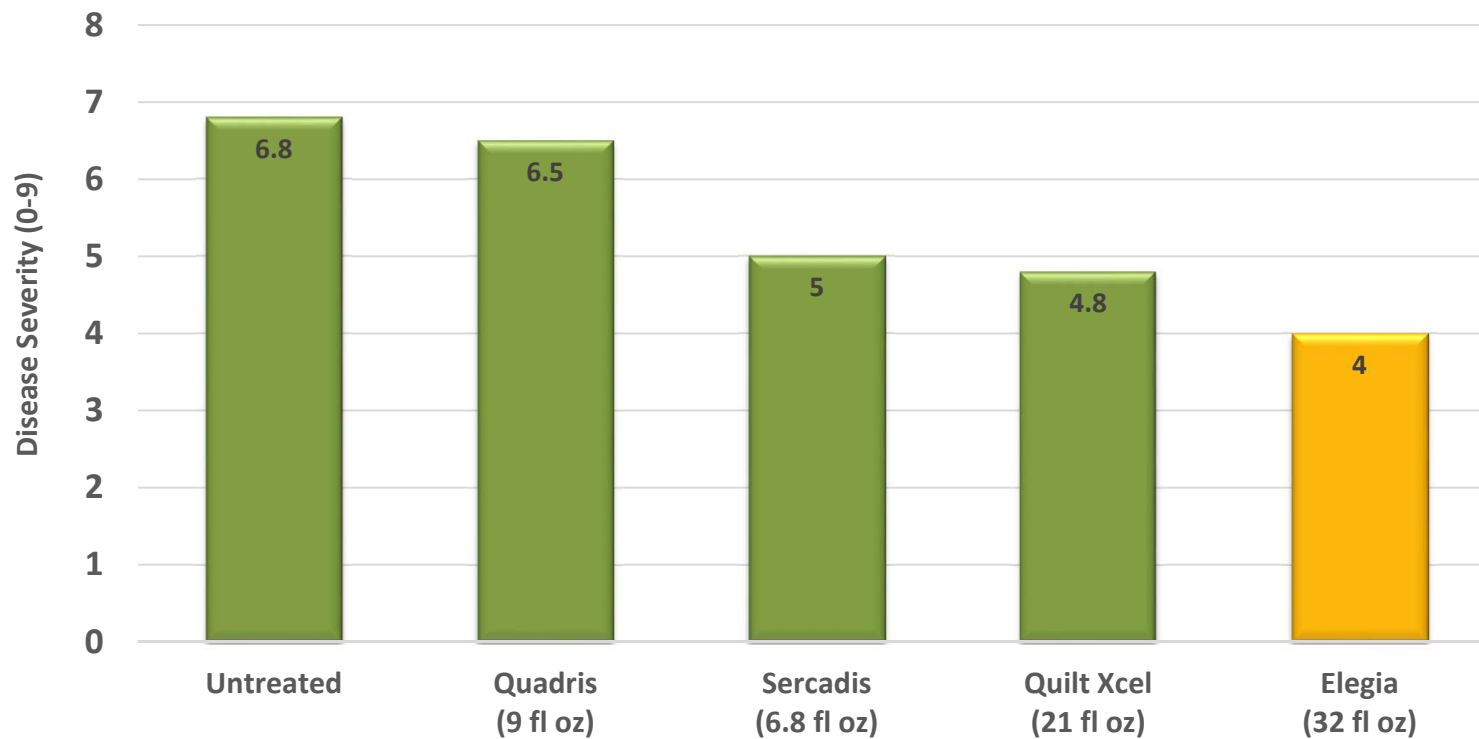


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Fungicide Efficacy Against Strobilurin Resistant Sheath Blight

Dr. Don Groth – LSU AgCenter
Mowata, LA - 2014

Strobilurin Resistant Sheath Blight Severity, LA



All treatments included NIS (0.25% v/v) except Quadris
Single applications made at boot, two applications made at boot & late boot
Trial conducted in a commercial rice field with a history of strobilurin resistant *Rhizoctonia solani*

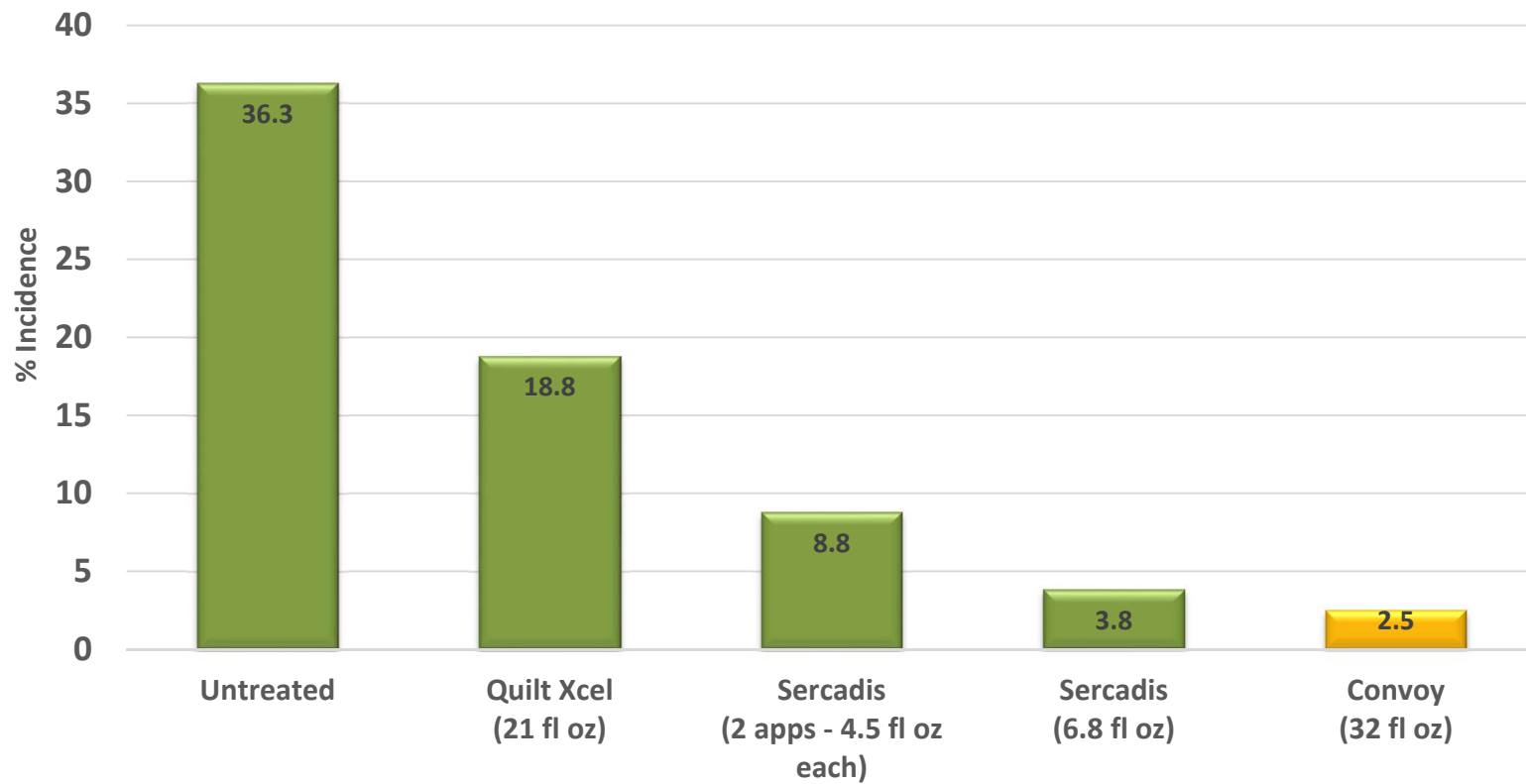


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Fungicide Efficacy Against Strobilurin Resistant Sheath Blight

Dr. Grady Coburn – Pest Management Enterprises, LLC
Mowata, LA - 2014

Strobilurin Resistant Sheath Blight Incidence

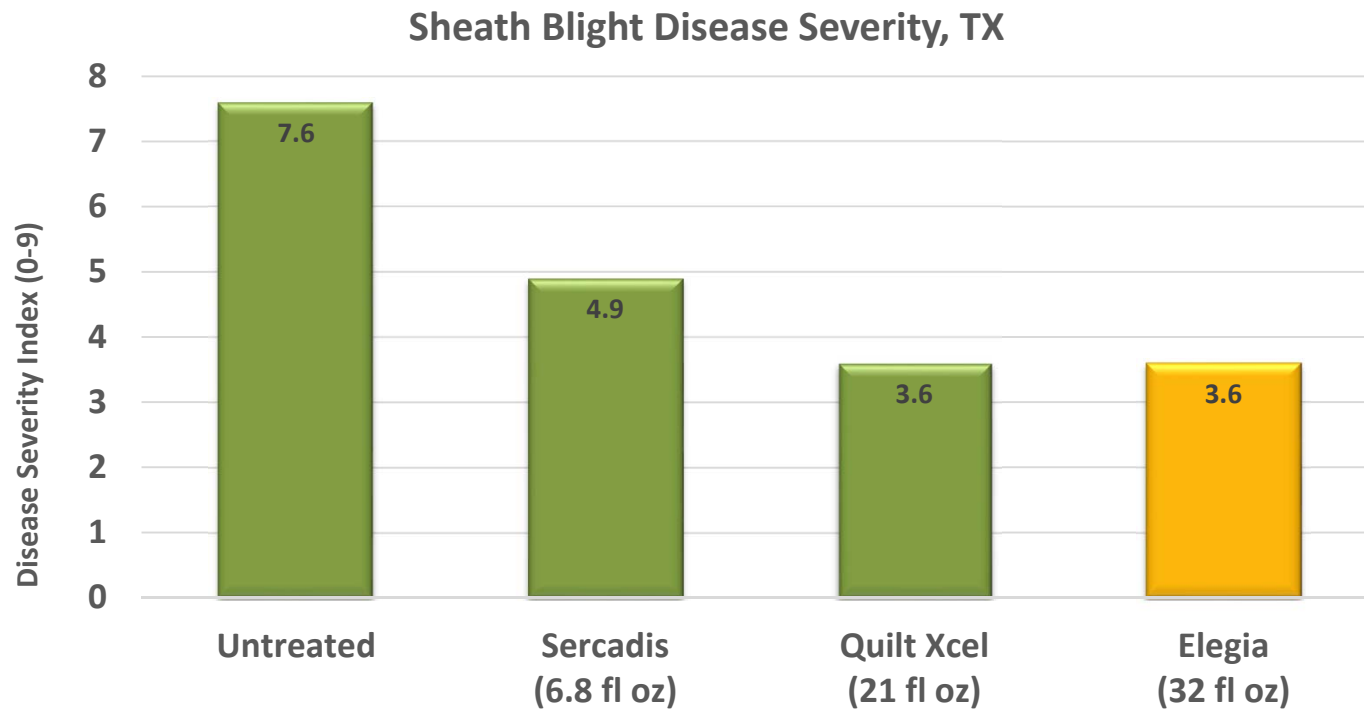


All treatments included NIS (0.25% v/v) except Quadris
Single applications made at boot, two applications made at boot & late boot
Trial conducted in a commercial rice field with a history of strobilurin resistant *Rhizoctonia solani*

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Fungicide Efficacy Against Susceptible Sheath Blight

Dr. Young-Ki Jo – Texas AgriLife Extension Service
Beaumont, TX - 2014



All treatments included NIS (0.25% v/v)
All application made at boot
Inoculated with strobilurin susceptible strain of *Rhizoctonia solani*

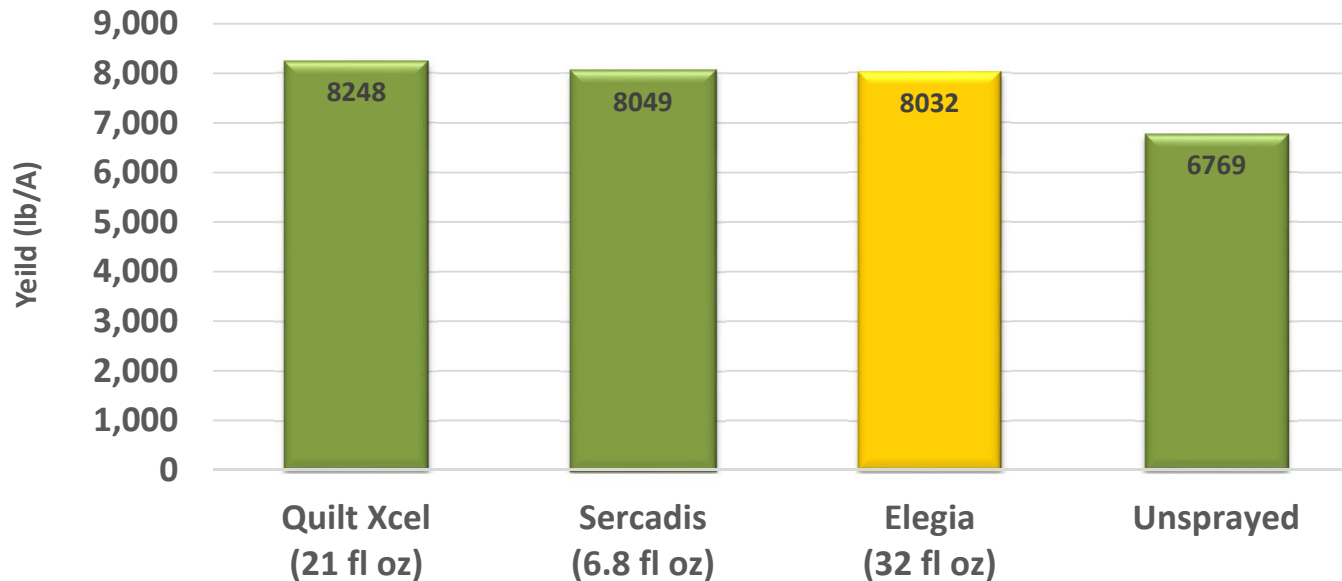


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Fungicide Efficacy Against Susceptible Sheath Blight

Dr. Young-Ki Jo – Texas AgriLife Extension Service
Beaumont, TX - 2014

Rice Yield - Susceptible Sheath Bight Trial TX 2014



All treatments included NIS (0.25% v/v)
All application made at boot
Inoculated with strobilurin susceptible strain of *Rhizoctonia solani*

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Elegia provides

- Excellent control of both susceptible and resistant rice sheath blight
- Preventative and systemic activity
- Non-strobilurin mode of action to help control or prevent the development of strobilurin resistant sheath blight



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- ✓ **Active Ingredient:** Orthosulfamuron
- ✓ **Systemic herbicide:** Absorbed through leaves
- ✓ **Mode of Action:** ALS inhibitor; Group 2 Herbicide
- ✓ **Formulation:** 50 WDG



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What STRADA Offers

- ✓ Excellent postemergence efficacy on Hemp Sesbania (coffeeweed), Indian and Northern Jointvetch, and Ducksalad
- ✓ Excellent compliment with Newpath for filling broadleaf weed control gaps
- ✓ Flexible application window as pre-flood application or with 2nd Newpath application
- ✓ Economical



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- ✓ **Use Rate:** 2.1 oz/A

- ✓ **Application Timing**
 - ✓ Apply **STRADA** from early postemergence up to ½ inch internode elongation

- ✓ **Use of surfactant** is recommended to improve spray coverage

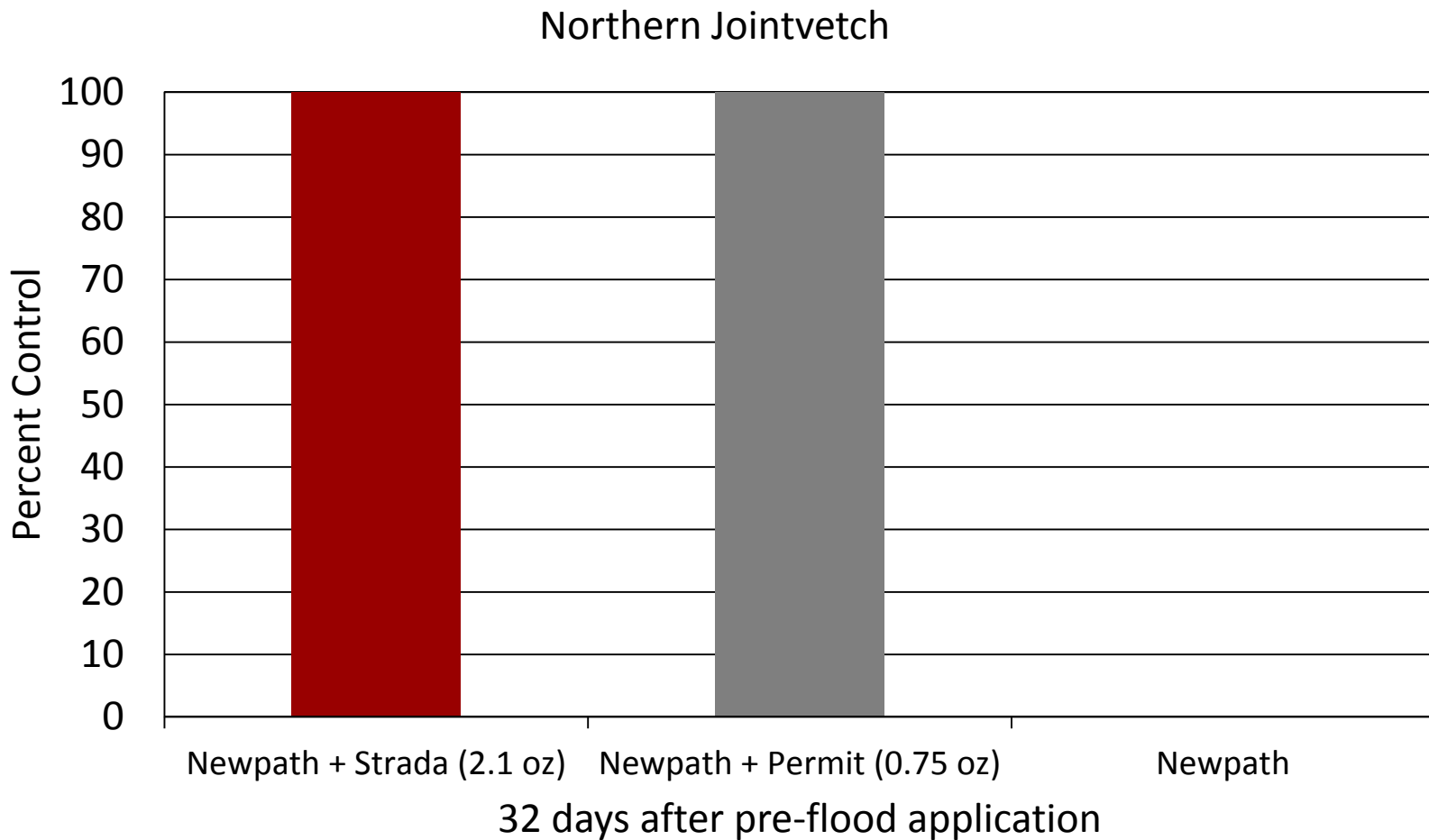
- ✓ **Suitable tankmix with other herbicides to broaden weed spectrum**



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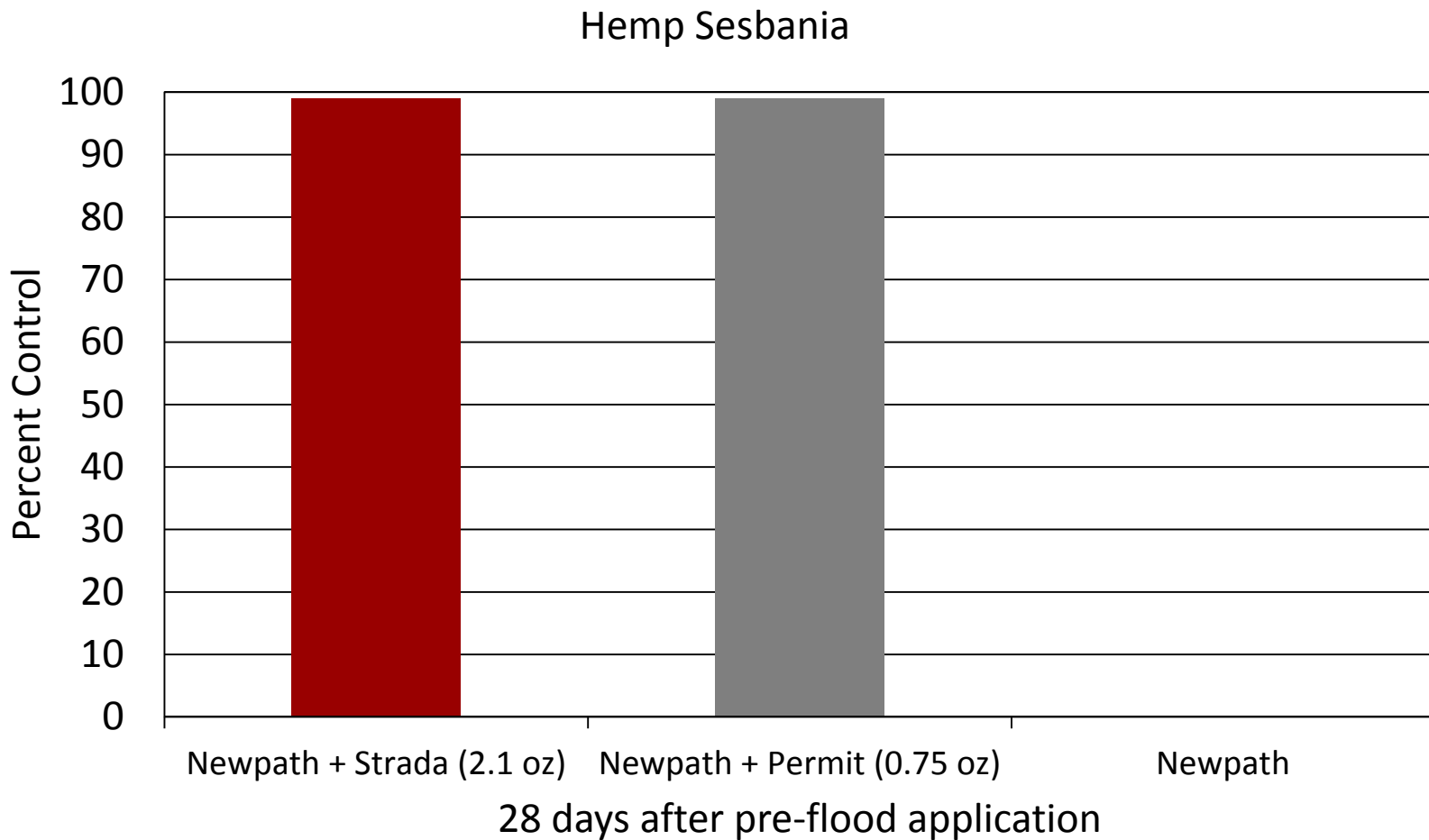
Strada Demonstration

Bob Scott, Lonoke, AR (2014)



Strada Demonstration

Jack Vawter, Eagle Lake, TX (2014)



Hemp Sesbania Control 32 DAT

Dr. Bob Scott, Lonoke, AR 2014

Command 12.8 oz fb Newpath 4 oz
fb Newpath 4 oz



Command 12.8 oz fb Newpath 4 oz
fb Newpath 4 oz + Strada 2.1 oz





- ✓ **Active Ingredients:** Orthosulfamuron + Halosulfuron-methyl



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What STRADA PRO Offers

- ✓ Excellent postemergence efficacy on Hemp Sesbania (coffeeweed), Indian and Northern Jointvetch, Ducksalad, **Plus** Yellow Nutsedge
- ✓ Excellent compliment with Newpath for filling broadleaf weed and yellow nutsedge control gaps
- ✓ We reduced the price this year



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✓ **Active Ingredients:** Orthosulfamuron + Quinclorac



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What STRADA XT2 Offers

- ✓ Excellent postemergence efficacy on Hemp Sesbania (coffeeweed), Indian and Northern Jointvetch and Ducksalad, **PLUS** additional grass control (barnyardgrass and broadleaf signalgrass)
- ✓ Provides short residual control of labeled grasses on coarse to medium soils
- ✓ Most economical option for adding incremental broadleaf weed control over quinclorac alone

NICHINO AMERICA*

The Value of Strada® XT2 for Weed Control in Rice



Strada® XT2 is a premix of Quinclorac and Orthosulfamuron (Strada WG). If you plan to use Quinclorac in your rice weed control program and need improved performance on some key broadleaf weeds, consider the value of Strada XT2.

Larger Weed Sizes	Quinclorac Weed Size # Leaves	Strada XT2 Weed Size # Leaves
Hemp Sesbania	2-3	Up to 6
Jointvetch (curly indigo)	2-3	Up to 6
Eclipta	2-3	Up to 6
Redstem	—	Up to 6
Rice Flatsedge *ALS susceptible	—	Up to 4"

Common Use Rates for Strada XT2		
Strada XT2 Rates	Quinclorac Active Ingredient/A	Strada Rates oz/A
8	.300	1.6
9	.3375	1.8
10	.375	2.0

10 oz Strada XT2 Contains Equal Amounts of Quinclorac as
32 fluid oz Facet® L or .5 lbs of a 75% DF Quinclorac plus a full 2 oz rate of Strada WG

University Ratings of Strada on Key Broadleaf and Sedge Weeds in Rice			
Weed	Arkansas	Mississippi	Louisiana
Hemp Sesbania	9	9	9
Northern Jointvetch (curly indigo)	9	9	9
Eclipta	7	8	8
Redstem	8	8	9
Rice Flatsedge *ALS susceptible	9	9	not rated

Popular Tankmixes with Strada XT2
<ul style="list-style-type: none"> Strada XT2 + Halosulfuron @ lower rates (Permit®, Halomax 75™) when yellow nutsedge is present Strada XT2 + Newpath® in Clearfield® Rice System

Strada XT2 Value/Acre	
Larger Weed Size vs. Additional Cost	
Equivalent Quinclorac/A	
Cost of 10 oz Strada XT2	\$ _____
Cost of 32 oz Facet L or 0.5 lbs of 75% DF brand of Quinclorac	\$ _____
Difference	\$ _____
<p>The difference is the additional cost to double the labeled broadleaf weed size of some key weeds and add a few weeds to your spectrum of control.</p> <p>Strada XT2 can add value to your rice weed control program!</p>	

For more information on Strada XT2 and other Strada products, contact:

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Grower Rebate

\$5 / Pound



\$3 / Pound



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