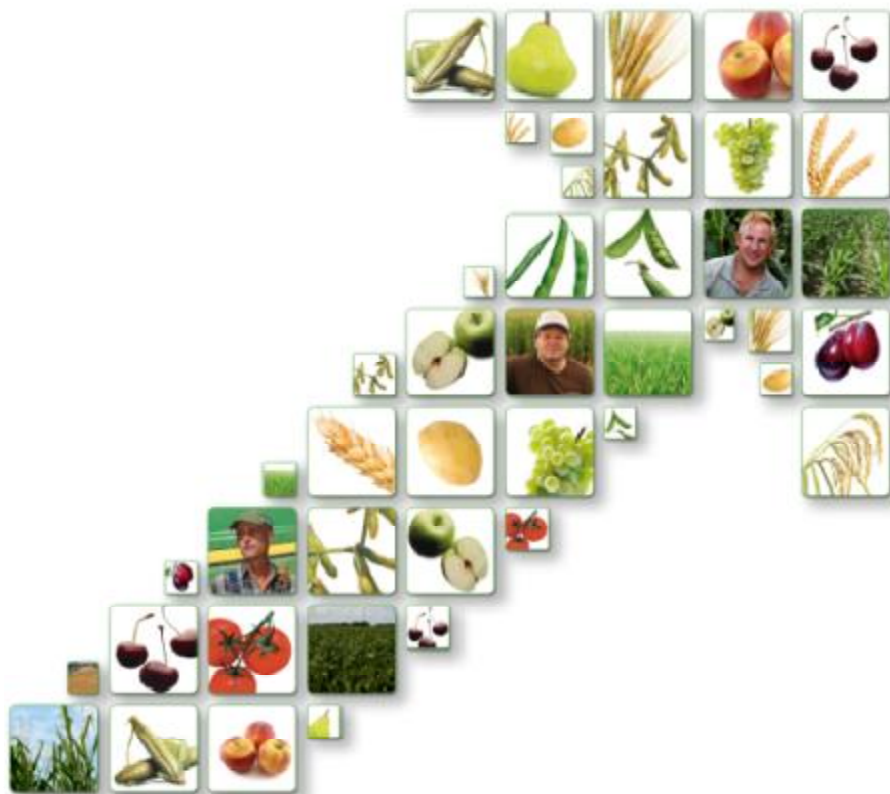


New Developments In Rice

2012 Louisiana Agricultural
Technology and Management
Conference

Marksville, LA
February 16, 2012



 **BASF**
The Chemical Company

Alvin Rhodes
Technical Service Rep.

SHARPEN™
POWERED BY **KIXOR®** HERBICIDE



Rice

BASF
The Chemical Company

New Burndown Label for Rice

- **Sharpen 1.0 to 2.0 fl oz/A**
- **Broadcast preplant burndown**
- **Apply at least 15 days prior to rice planting and 45 days before a permanent flood is established**
- **Apply with glyphosate and adjuvants**



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Preplant Performance

BASF
The Chemical Company



Untreated



**Sharpen 2 oz/A + glyphosate + adjuvants
applied 15 days preplant for rice burndown
at 5 WAT**

Hollandale, MS - 2011

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Preplant Burndown Performance

BASF
The Chemical Company



Untreated

**Sharpen 2 oz/A + glyphosate + adjuvants
15 days preplant at 33 DAT**

Angelina Plantation, Monterey, LA - 2011



Preplant Burndown Performance



**Sharpen 1 oz/A +
Touchdown + adjuvants
at 7 DAT**

Untreated

Jennings, LA



Preplant Use in Rice



Recommendations

- è **Burndown of broadleaf weeds including glyphosate resistant pigweed**
- è **Apply Sharpen 2 oz/A + glyphosate + MSO + AMS**
- è **Apply preplant up to 15 days prior to planting rice**

Restrictions and Limitations

- ¾** Do not apply more than a maximum cumulative amount of 2.0 fl ozs/A of Sharpen per cropping season.
- ¾** Do not irrigate (flush) between Sharpen application and rice seeding
- ¾** Do not initiate permanent flood to rice fields until 30 days or more after planting.
- ¾** Do not use released tailwater for irrigation of adjacent crops.

Facet[®] L

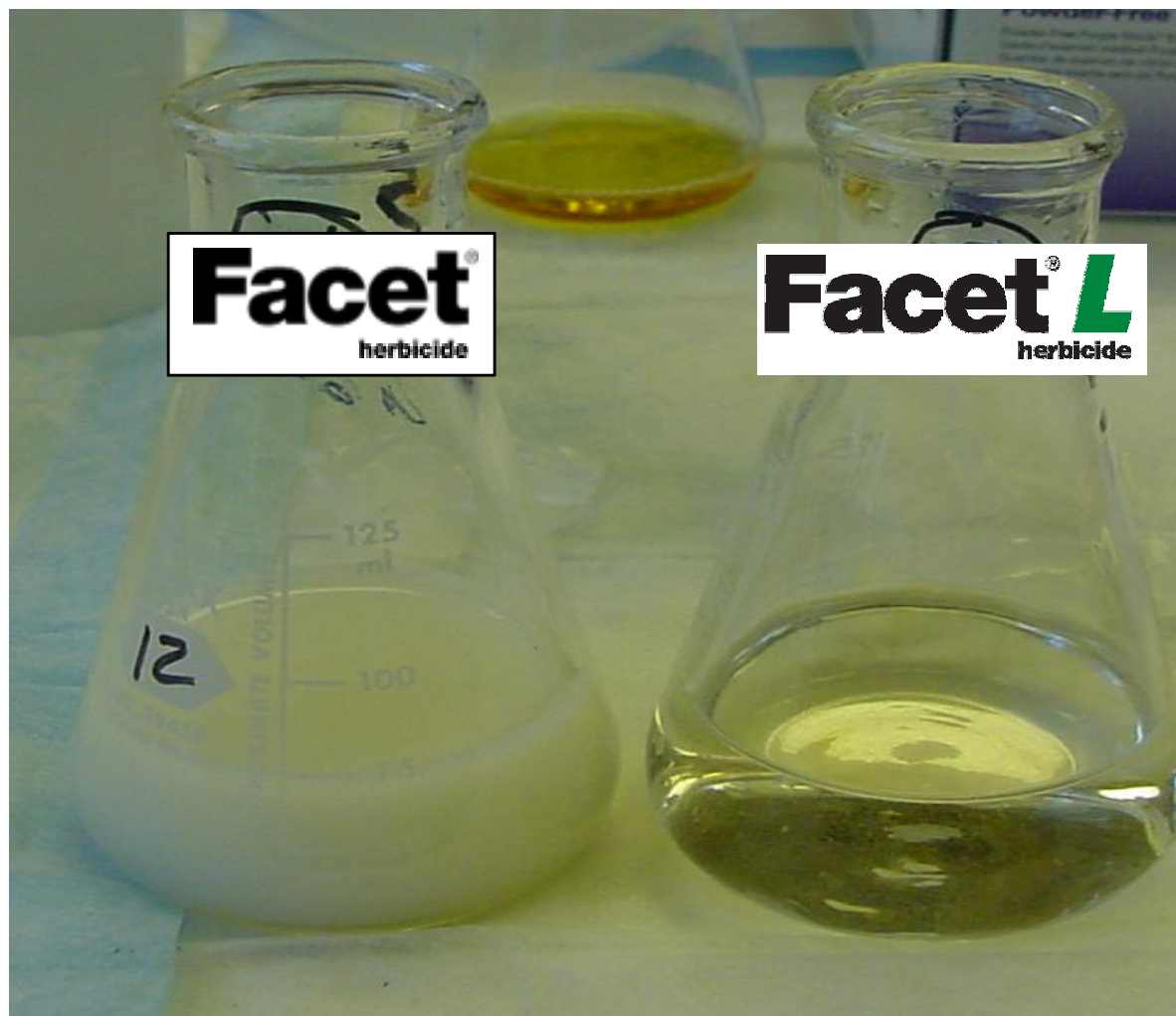
herbicide

Formulation Overview

 **BASF**
The Chemical Company

New for
2012

- ¾ New, innovative formulation for rice
- ¾ Improved efficacy and consistency
- ¾ Improved handling convenience
- ¾ Flexibility, with wide application window



Facet[®] L Herbicide

General Label Overview



☉ Rate Range:

- ☞ 21 to 42 oz/A
- ☞ Max = 42 oz/A per season

Facet 75 DF Rate lb/A	Comparable Facet 1.5 L Rate fl oz/A
0.33	21
0.4	25
0.44	28
0.5	32
0.67	42

☉ Application Timing and Rates

- ☞ Soil applications (10-40 GPA)
- ☞ Foliar applications
(10-20 GPA by ground; minimum 5 GPA by air)

☉ Adjuvants - Performance is improved by adding adjuvants

- ☞ COC at 2 pints/A
- ☞ Same recommendation as Facet DF

☉ PHI = 40 days

☉ REI = 12 hours



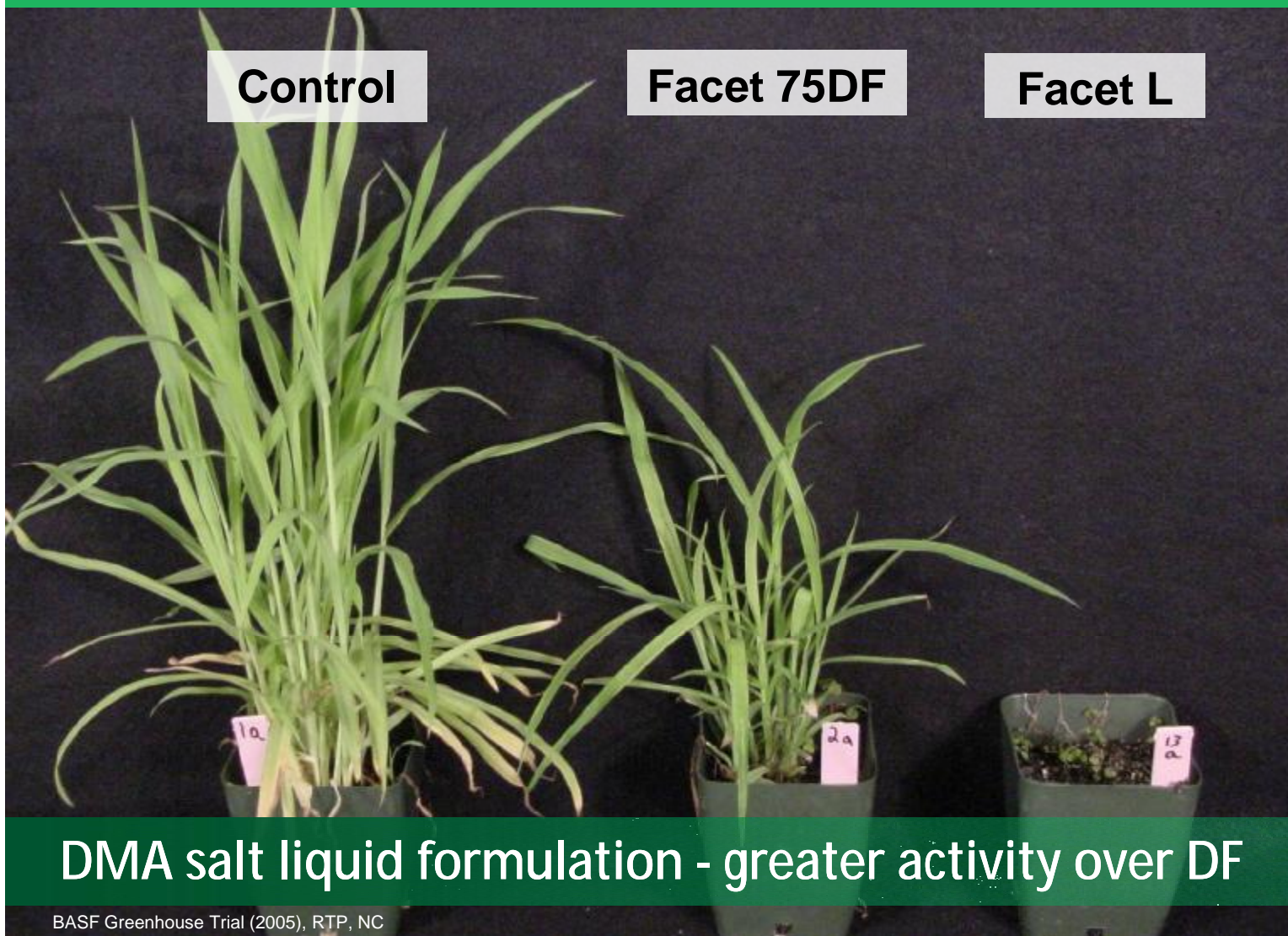
Large Crabgrass Control Greenhouse Research (13 DAT)

BASF
The Chemical Company

Control

Facet 75DF

Facet L



Treatment:

- 0.5 lb ai eq/A +
- MSO at 0.5% v/v
- Metro mix soil media

DMA salt liquid formulation - greater activity over DF

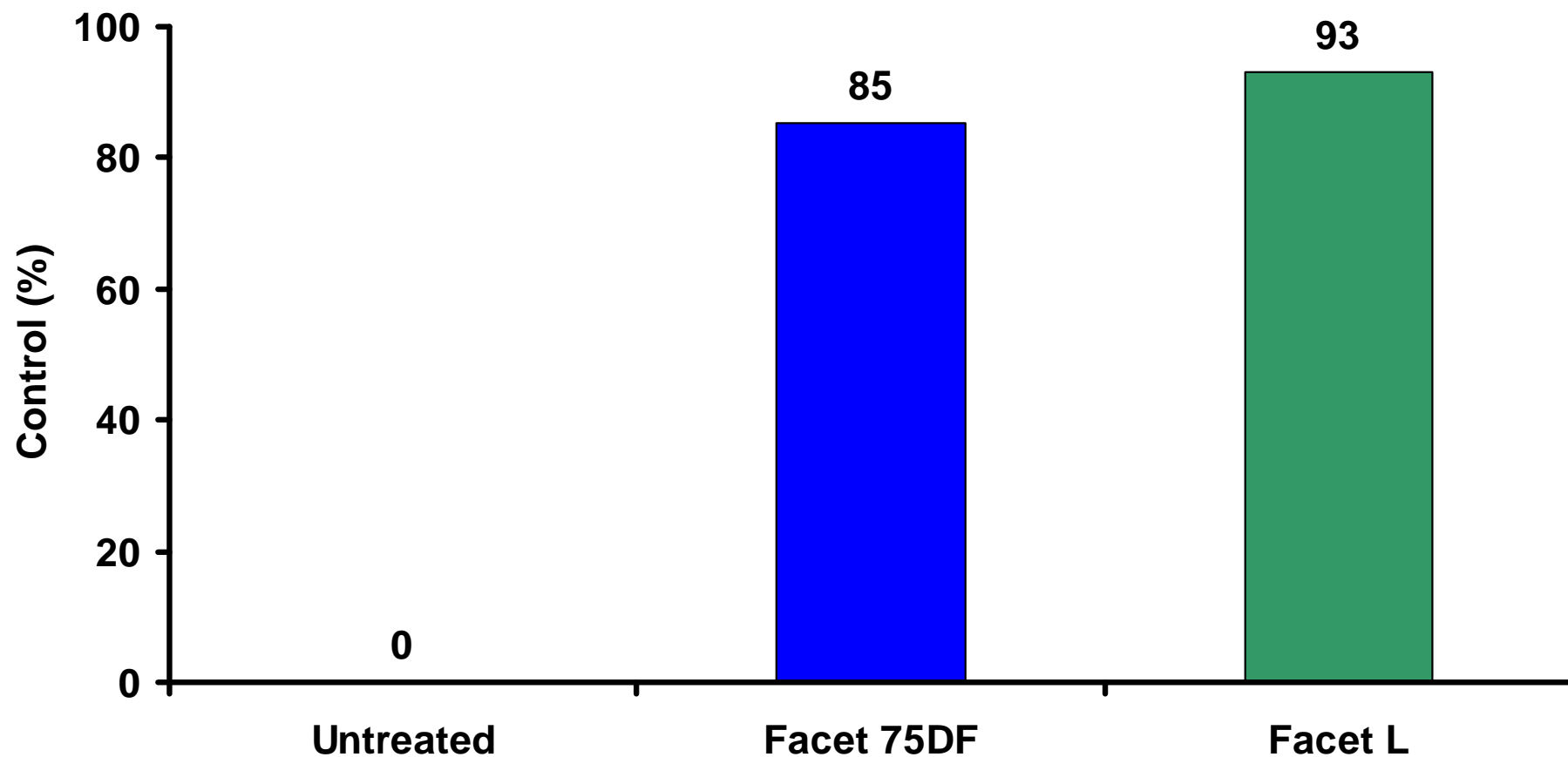
BASF Greenhouse Trial (2005), RTP, NC

Facet[®] L
herbicide

Broadleaf Signalgrass Control (BRAPP) Field Research – EPOST (2-4 WAT)

BASF
The Chemical Company

All treatments = 0.4 lb ai/A + COC (1% v/v)



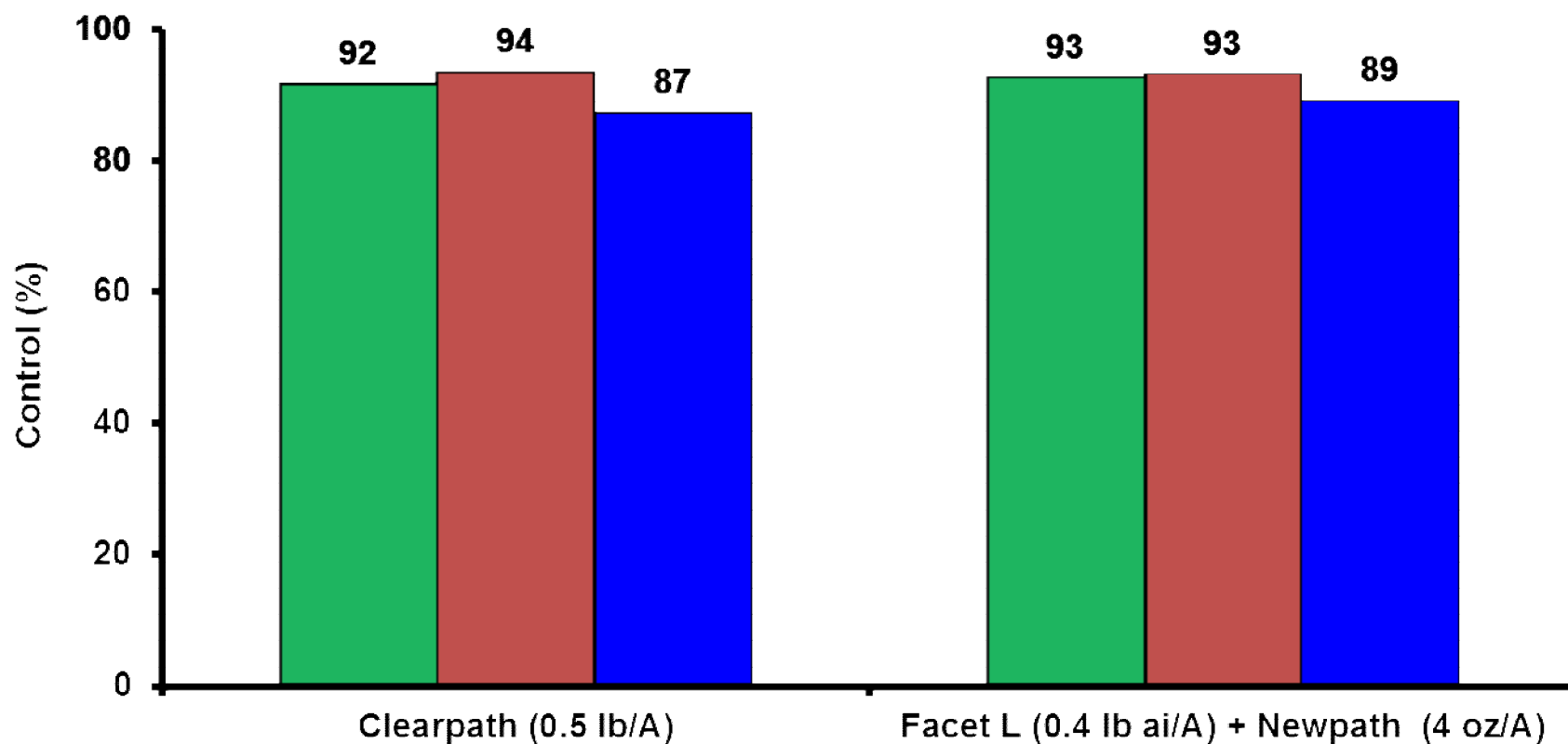
Improved control of Broadleaf Signalgrass

Facet[®] L
herbicide

Weed Control in Clearfield Rice Field Research – EPOST (2-6 WAT)

BASF
The Chemical Company

■ Barnyardgrass (3-4 WAT) ■ Broadleaf Signalgrass (2-4 WAT) ■ Hemp Sesbania (4-6 WAT)



All treatments applied with COC (1% v/v)

Effective weed control in CLEARFIELD rice system

Facet[®] L
herbicide

Facet[®] L Herbicide

Research Performance Overview



- ☉ Enhanced foliar activity versus Facet 75DF
- ☉ Wash-off study suggests increased foliar activity related to increased absorption
- ☉ New formulation appears less sensitive to adjuvant concentration
- ☉ Performed well when mixed with Newpath
- ☉ Improved ease of handling, mixing and tank clean out

New, more active Facet chemistry – DMA salt

Facet[®] L
herbicide

Xemium® fungicide brands are not currently registered or available for sale.



Rice

 **BASF**
The Chemical Company

Sercadis® fungicide

Louisiana – Section 18 requested for the control of sheath blight (*Rhizoctonia solani*) in rice

Rate: 4.5 oz/A

Application:

$\frac{3}{4}$ Between panicle differentiation and late boot stage

$\frac{3}{4}$ A second application may be required, but may not be applied within 28 days of harvest



- **FRAC Code:**

GROUP	7	FUNGICIDE
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- **Group Name:** **SDHI (Succinate DeHydrogenase Inhibitor)**
- **Chemical Group:** **Carboxamide**
- **Common Name:** **fluxapyroxad**
- **Mobility:** **Translaminar and variable xylem**
- **Activity:** **Contact, preventative and Post-Infection Control (curative)**
- **Growth Effects:** **Stop mycelial growth and spore development**
- **Sporulation:** **No effect**

**You have the power
to stop red rice.**

Use it wisely.



**Follow Clearfield® Rice
Stewardship Guidelines**

www.agproducts.basf.us/edu/clearfield