

New Developments in Rice

**Louisiana Agricultural Technology &
Management Conference**

**Marksville, LA
February 14, 2014**

 **BASF**

The Chemical Company

Sharpen® herbicide on Rice



EPA Registration:

- **2012 to Current**
 - Preplant up to 15 days prior to planting
- **Expected in February 2014:**
 - Preplant up to planting
 - In season application
- **Burndown and residual control of broadleaf weeds**



Sharpen®
Powered by **Kixor®** Herbicide

Sharpen® herbicide on Rice*



Use Recommendations:

- Preplant: - Sharpen 2 fl oz/A + MSO + AMS
- Preemergence: - Sharpen 2 fl oz/A
- Spike to 2-leaf rice: - Do Not Apply
- EPost from 2-leaf rice stage up to internode elongation
- Sharpen 1 fl oz/A + COC 2 pt/A

*Registration pending

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Preemergence Broadleaf Weed Control

- Amaranth, Palmer
- Morningglory spp.
- Pigweed spp.
- Smartweed, Pennsylvania
- Velvetleaf
- Waterhemp

(See label for more)



Sharpen[®] herbicide on Rice*



Postemergence Broadleaf Weed Control

Weed	Max. Height (inches)
Dayflower	3
Ducksalad	3
Eclipta	4
Jointvetch, Indian	3
Jointvetch, Northern	3
Redstem	4
Sesbania, hemp	8
Texasweed	3
Water hyssop	3

*Registration pending

Sharpen[®] herbicide for Rice*



Application

- Add a crop oil concentrate (COC) at 1 to 2 pints/A in EPost applications. Do not add MSO.
- Two Sharpen applications can be applied, but do not exceed a total of 6 fl oz/A.
- Separate all Sharpen applications by at least 14 days.
- Applications can be made before or after flooding (up to internode elongation).
- Products formulated as emulsifiable concentrates (EC) may enhance the crop injury potential of Sharpen in postemergence applications.

*Registration pending

Sharpen[®]
Powered by **Kixor[®]** Herbicide

Sercadis[®] fungicide on Rice



Sercadis[®]

Xemium[®] Brand Fungicide

- For control of sheath blight (*Rhizoctonia solani*) including strobilurin resistant sheath blight
- 2012-2013 – Section 18's in Louisiana
- March 2014 – EPA Section 3 registration expected for use in AR, LA, MO, MS & TX



Sercadis® Fungicide on Rice Multi-Year Sheath Blight Trials



- No rice crop phytotoxicity with Sercadis.
- Excellent sheath blight control, including strobilurin resistant sheath blight.
- Provides preventative and post infection control of sheath blight.
- Provides disease resistance management.
- Sercadis treated rough rice yields significantly higher than the untreated check.



Sercadis is not registered for sale on rice.

Sercadis®
Xemium® Brand Fungicide

Sercadis[®] fungicide on Rice*



Recommendations for sheath blight control:

- Apply Sercadis at 6.0 to 6.8 fl ozs/A.
- Add non-ionic surfactant (NIS) at 0.25% v/v or crop oil concentrate (COC) at 1% v/v.
- Apply when rice is between panicle differentiation and late boot stage.
- Apply by air in 7 to 10 GPA spray solution.
- For broad spectrum disease control and for disease resistance management, a tank mix may be applied with other fungicides.

*Pending registration

Sercadis is not registered for sale on rice.

Sercadis[®]
Xemium[®] Brand Fungicide



Provisia™ Rice System

A new vision in red rice control

**BASF**
The Chemical Company

Provisia™ Rice System Features

- ✓ Non-GMO system for control of red rice, volunteer rice and other grass weeds
- ✓ Resistance management - new site of action for postemergence control of red rice
- ✓ Rotational partner for the Clearfield® Production System for rice





The Chemical Company