New Developments from BASF

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**Engenia™ Herbicide**

**Regulatory Update**

- Engenia herbicide registrations pending
- USDA approval of seed and trait January, 2015
- China import ruling on seed and trait was approved
- Currently under EPA review for over the top use
- Waiting on open comment period
Provisia™ Herbicide
Projected Applications

Provisia™ Herbicide

Provisia Rice
Red Rice
CL 161
Coco-drie
CL XL 745
Provisia Rice

Experimental Results – Not Registered or Available for Sale
Priaxor® Fungicide
Disease Control and Plant Health in Grain Sorghum

9.3.15 – DaVault Farms – Application at 50% Flowering - 38 DAT – Paragould, AR

Primary disease: Target Spot

Non-Treated Check
94.9 bu/A
Test Weight: 55.7

Priaxor

Check

Priaxor

Check

Priaxor

Check

Priaxor

Check

Priaxor 4 fl oz/A
121.8 bu/A
Test Weight: 60.4
Priaxor treatments included NIS 0.25% v/v applied from 50% heading to flowering. Summary of 5 trials conducted in Louisiana and 2 in Mississippi.

2014-2015 Arkansas, Louisiana & Mississippi On-Farm Grain Sorghum Fungicide Trial Summary

Yield (Bu/A)

- Untreated: 107.8
- Priaxor 4 fl oz/A: 117.7 (+9.8)

N=11 (AR-4; MS-2; LA-5)
Priaxor® Fungicide
Disease Control in Grain Sorghum

Priaxor 4 fl oz/A + NIS 0.25% v/v at 50% heading

Diseases Controlled
- Anthracnose
- Cercospora leaf spot
- Northern leaf blight
- Rust
- Southern leaf blight

Apply only one application per season
**Priaxor® Fungicide**
Disease Control in Cotton

**Priaxor 4 fl oz/A + NIS 0.25% v/v**
at 2-3 weeks after first blooms and 2-3 weeks later, if needed

- Excellent foliar disease protection
- Disease and Plant Health benefits
- Maximize yield potential

Diseases Controlled Include:
- Alternaria leaf spot
- Ascochyta blight
- Cercospora blight and leaf spot
- Corynespora leaf spot / Target spot
- Stemphylium leaf spot
In-Furrow Fungicide Treatments
Protecting Yield Potential: Cotton & Soybeans

- Compliments Seed Treatment
  - Seed Treatment: Primary Defense Against Pythium & Alternaria
  - In-Furrow: Extended Control & Greater Zone of Protection

- Rapid & Uniform Emergence
  - Greater Stand Count & Extended Growth Period

- Soil Born Disease Control
  - Manage Seed Rot, Damping Off, & Root Rot
  - Pathogens: Rhizoctonia, Pythium (suppression), Fusarium

Priaxor®
Xemium® Brand Fungicide
Priaxor® Fungicide
In-Furrow Application for Disease Control in Soybean

5/14/2015, Greer Farms – Seedlings dug 8 Days After Planting – Start, LA

Priaxor 4 fl oz/A IF
68.2 bu/A

Untreated
61.6 bu/A

Seedling Disease Control and Plant Health