



# **Chemtura Crop Protection Product Update - 2007**

**Louisiana Agricultural Technology & Management Conference  
Alexandria, LA  
February 7 - 9, 2007**

# Miticides



# Comite® II

MITICIDE



# ***When to Use Comite II***

## ***Mid to Late Season Mite Control***

### ***Vapor penetrates the plant Canopy***

- Rapid knock down by Vapor Action
- Irritant causes mites to move and die

### ***Apply after plants are hardened off***

- ***Greater than 12 inches tall***
- ***Bark on stem***

### ***Apply only before bolls open***



# Comite® II



**MITICIDE**

## Best Use Recommendations on Cotton:

### Use rates:

- **Early (Plants 6-12" in height): 1.25 pts/A**
- **Mid Season to Layby: 1.5 – 2.25 pts/A**
- **Layby to boll opening: 2.25 pts/A**

### Spray volumes:

- **Minimum 5 gallons/A by air; 20 gallons/A by ground**

Use volume and spray method designed to achieve total coverage

### Precautions:

- **DO NOT use penetrating surfactants**

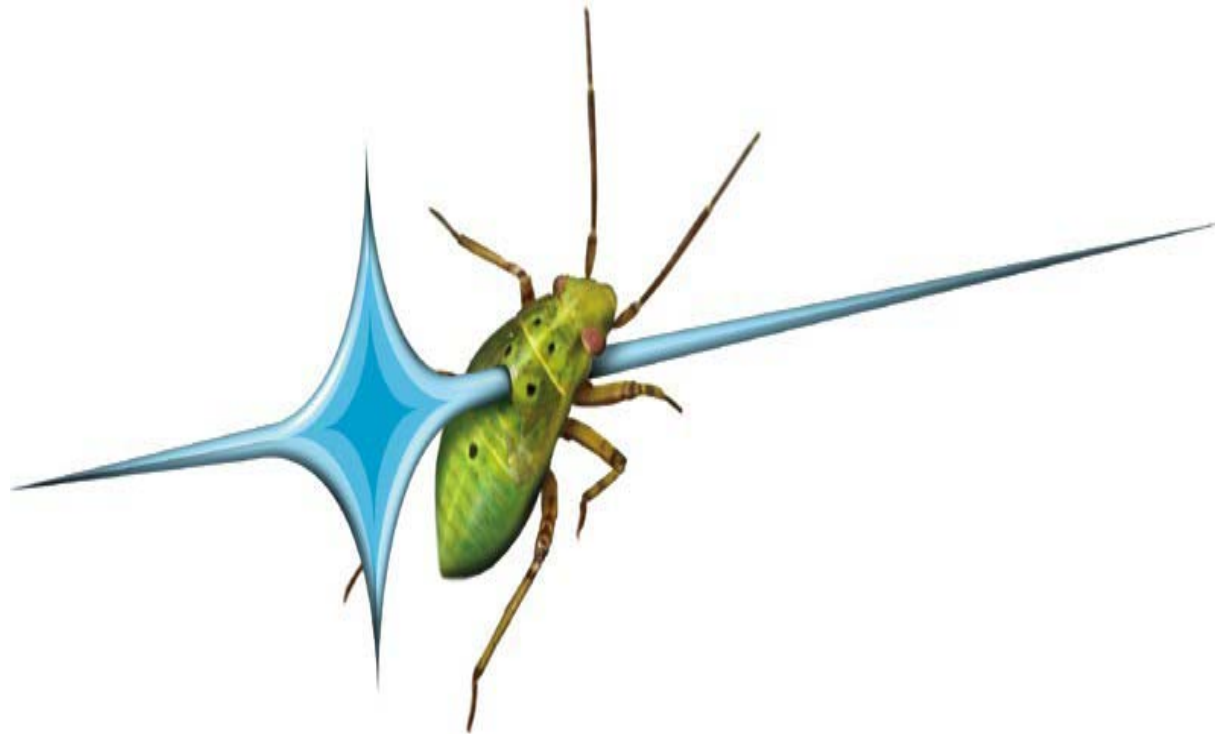
**7 day REI (48 hrs w. PPE)    50 day PHI    3 applications/yr**

# Insecticides





# ***Diamond***<sup>TM</sup> **INSECTICIDE**





**High level of efficacy against fall armyworm and other foliage feeding worms in addition to activity against plant bugs and stink bugs.**

Diamond insecticide was recently designated as the standard for evaluating chemicals for Fall Armyworm control in cotton by a group of Cotton Extension Entomologists.



## Future Labels / New Uses

### Sugarcane:

- Sugarcane borer & Mexican rice borer control label anticipated in 1<sup>st</sup> quarter of 2008.
- Section 18 Emergency Exemption granted to LA in August 2006 for sugarcane borer control. Limited commercial field usage due to lateness of SLN.
- Commercial field tests will continue in 2007.

### Sorghum:

- Headworm complex control (corn ear worm & fall armyworm)
- Efficacy trials and GLP residue studies in progress.

# Herbicides / PGR's



# **Firestorm™**

**HERBICIDE**



- *Labeled on more than 100 crops*
- *Fast, cost-effective burndown*
- *Preferred 3 lb./gal. paraquat formulation*



- **EPA Sec. 3 registration granted in September 2006.**
- **Labeled for all uses found on Gramoxone® Max Sec. 3 label.**
- **State SLN's (24c registrations) are currently being processed.**

# **Firestorm™**

**HERBICIDE**



*Firestorm contains 3 lbs of paraquat cation per gallon*

<b>Firestorm</b>		<b>Gramoxone</b>	<b>Inteon</b>
<b>Rate (fl oz/A)</b>	<b>Acres/Gallon</b>	<b>Rate (fl oz/A)</b>	<b>Acres/Gallon</b>
<b>5.3</b>	<b>24</b>	<b>8</b>	<b>16</b>
<b>8</b>	<b>16</b>	<b>12</b>	<b>10.7</b>
<b>16</b>	<b>8</b>	<b>24</b>	<b>6.3</b>
<b>21.3</b>	<b>6</b>	<b>32</b>	<b>4</b>
<b>32</b>	<b>4</b>	<b>48</b>	<b>2.7</b>
<b>42.6</b>	<b>3</b>	<b>64</b>	<b>2</b>

# **Blizzard™**

**PLANT GROWTH REGULATOR**

**Registered in Cotton January 2007**



# **Blizzard™**

**PLANT GROWTH REGULATOR**



- Common name:** Fluthiacet - methyl
- Mode of Action:** Inhibition of Protoporphyrinogen oxidase (PPO or PROTOX)
- Formulation:** EC – 0.91 lb ai/gal
- Use rates in cotton:** 0.4 – 0.6 fl oz/A, *The lowest labeled use rates of any PPO defoliant*
- **Maximum use rate per season:** 1.25 fl oz/A
  - **Requires a crop oil concentrate (COC) adjuvant to maximize performance (similar to other PPO type defoliant)**
  - **Rainfast in 1 hour post application**
  - **Compatible with ethephon and thidiazuron harvest aid products for enhanced defoliation, boll opening and regrowth suppression.**
  - **Available in 20 oz containers – a container will treat 40 acres @ 0.5 fl oz/A.**

# Thank You

