



## **PRODUCT UPDATE**

Louisiana Agricultural Consultants Association

February 8, 2007

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# Agenda

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- Bidrin<sup>®</sup> Label Situation
- Impact<sup>®</sup> Herbicide for Corn
- Discipline<sup>™</sup> 2E
- New Acquisition



# Bidrin<sup>®</sup> Current Regulatory Situation

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- Dicrotophos reregistration process is still ongoing
- **Approval of proposed labeling expected soon**

# Current Proposal for Bidrin® Use

- **Positioned primarily for plant bug and stink bug control starting at 1<sup>st</sup> bloom stage of growth:**
  - No applications can be made until 1<sup>st</sup> bloom stage of cotton growth
  - 1.0 lb ai/ac seasonal maximum rate
  - Use rate of 0.25 to 0.50 lbs ai/ac per application
  - Can be applied by ground or by air
  - 14 day interval between applications
  - 30 day PHI

# Additional Use Currently Being **Considered** by EPA

- Use on “pre-square” cotton from emergence up to pinhead square stage for thrips and other insect pests:
  - Use rate has not been determined, but would likely be 0.25 lb ai/ac or less
  - Ground application would be allowed
  - Aerial application is being considered

# Likely Scenario for Future Bidrin® Use

<b>Growth Stage of Cotton</b>	<b>Bidrin Usage</b>
<b>Pre-square: Emergence to pinhead square</b>	<b>Currently being considered by EPA</b>
<b>Pinhead square to 1<sup>st</sup> Bloom</b>	<b>No Bidrin allowed</b>
<b>1<sup>st</sup> Bloom until 30 days before harvest</b>	<b>1.0 lb ai/ac season maximum 0.25 to 0.5 lb ai/ac per application Ground or aerial application allowed 14 day interval between applications 30 day PHI</b>



# Bidrin® Summary

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- New Label not finalized
- Existing inventory may be used as labeled
- AMVAC will communicate label changes when finalized
- **Optimize performance of Bidrin:**
  - Buffer spray solution to pH of 5.5 to 6.5 for best results



# IMPACT<sup>®</sup> Herbicide for All Corn Product Overview

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- Active Ingredient – topramezone
- HPPD inhibitor
- Formulated as 2.8 lb/gal suspension concentrate
- Postemergence herbicide for use in all corn types
- Controls broadleaf and grass weeds
- Excellent crop safety on all corn
- Federal label approval August, 2005
- Commercial introduction in USA during 2006 season





# IMPACT<sup>®</sup> - General Directions for Use

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- ▶ **Apply after corn emergence to 45 days preharvest**
  - **Apply when weeds are small before they compete with the crop**
- ▶ **Low use rate of 0.75 fl oz product/a (0.016 lb ai/a)**
  - **New label for 0.5 fl oz product with selected tankmix partners (Steadfast, Accent, glyphosate and others)**
- ▶ **Use in tank mix with atrazine (0.25 to 1.5 lb ai/ac)**
- ▶ **Adjuvant use: MSO or COC + UAN, AMS or 10-34-0**
- ▶ **Ground or aerial applications**

# IMPACT<sup>®</sup> Herbicide

## Broadleaf Weeds Controlled

- Palmer Amaranth
- Burcucumber
- Carpetweed
- Common Cocklebur
- Common Chickweed
- Lambsquarters
- Jimsonweed
- Kochia
- Common Mallow
- Venice Mallow\*
- Morningglory spp.\*
- Mustard spp.
- Nightshade
  - Black, E. Black, Hairy
- Pigweed spp.
  - Redroot, Smooth, Tumble and Prostrate
- Ragweed (Common and Giant)
- Prickly Sida
- Prickly Lettuce
- Pennsylvania Smartweed
- Ladysthumb
- Shepardspurse
- Sunflower (Wild and Volunteer)
- Canada Thistle\*
- Russian Thistle
- Velvetleaf
- Waterhemp (Common and Tall)

\* Partial control



# IMPACT<sup>®</sup> Herbicide

## GrassAssist<sup>™</sup>

### Control

- Giant Foxtail
- Barnyardgrass
- Crabgrass
  - Large
  - Smooth
- Goosegrass
- Wild Proso Millet

### Suppression

- Green Foxtail
- Yellow Foxtail
- Seedling  
Johnsongrass
- Fall Panicum
- Broadleaf Signalgrass
- Woolly Cupgrass

# Tifton, GA



UTC

**ACA 2007**



IMPACT 0.75 oz + atrazine 0.5 lb  
+ MSO + AMS

 **AMVAC**

# Recommended IMPACT<sup>®</sup> Programs

- **Conventional Corn**
  - Postemergence application at 0.75 oz/ac following a soil applied product like Dual Magnum, others
  - Postemergence tankmix at 0.5 to 0.75 oz/ac with ALS herbicides like Steadfast, others
- **Roundup Ready<sup>®</sup> Corn**
  - Postemergence tankmix at 0.5 to 0.75 oz/ac with glyphosate (all brands)
- **Sweet Corn**
  - Similar programs as field corn

# DISCIPLINE™ 2EC

- AMVAC bifenthrin
  - Corn
  - Cotton
  - Other crops



systemic insecticide    nematocide

# Counter<sup>®</sup> 15G

## LOCK<sup>®</sup>nLOAD<sup>®</sup>

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- **Recently acquired by AMVAC**
- Excellent granular insecticide for corn
- Control of key corn pests:
  - Corn Rootworm
  - Secondary pests (Wireworm, others)
  - Chinch bugs
  - **Nematodes**

# Other Key AMVAC Products for LA

**THIMET<sup>®</sup> 20-G**

**Lock 'n Load<sup>®</sup>**

**K-PAM<sup>™</sup> HL**

A SOIL FUMIGANT SOLUTION FOR ALL CROPS

**VAPAM<sup>™</sup> HL**

SOIL FUMIGANT

A SOIL FUMIGANT SOLUTION FOR ALL CROPS

- Sugarcane
- Sweet Potatoes
- Cotton
- Vegetable/Specialty