

# Cotton Defoliation with AIM®

## Fast. Economical. Reliable.



Aim® herbicide is the new standard of cotton defoliants. It provides unequalled cotton defoliation, juvenile regrowth removal, and weed desiccation. Aim works under hot and cold temperatures and is very economical and fast acting. Aim does it all with flexibility and unequalled performance and economics.

### COTTON DEFOLIANT

- Defoliates cotton foliage quickly
- Disrupts cell membrane causing leaves to rapidly lose moisture
- Causes rapid formation of leaf abscission layer resulting in a quick and efficient cotton defoliation

### JUVENILE REGROWTH REMOVAL

- Removes juvenile regrowth
- Suppresses juvenile regrowth after defoliation
- No other product defoliates and suppresses juvenile regrowth like Aim
- Additional applications of Aim are recommended to remove cotton regrowth even after cotton has been defoliated



### WEED DESICCANT

- Effectively desiccates and controls such weeds as cocklebur, hophornbean copperleaf, morningglories, nightshades, pigweeds, prickly sida, tropical spiderwort and velevetleaf
- Desiccates weeds while it defoliates cotton
- No additional compound to either defoliate, desiccate weeds, or remove juvenile regrowth is needed

### EFFECTIVE IN HOT AND COLD WEATHER CONDITIONS

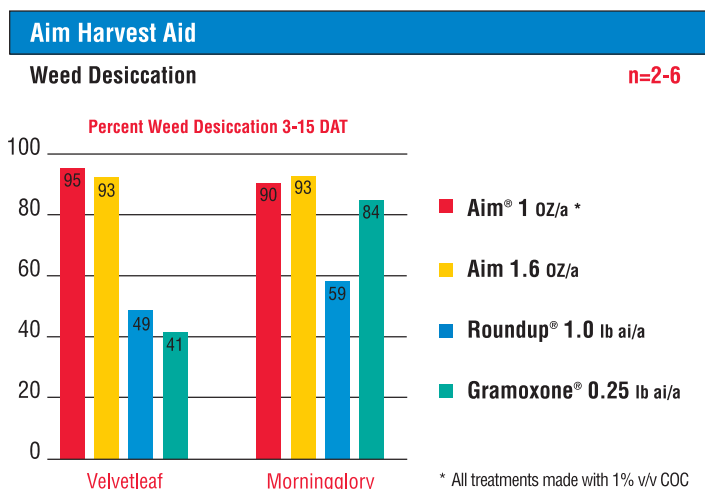
- Effective under a wide range of temperatures
- Rate flexibility of Aim and adjuvants for hot and cold temperatures for efficient defoliation of cotton without sticking leaves or bolls

### ENHANCES BOLL OPENING

- Used with a boll opener, Aim provides efficient defoliation and boll opening at an unsurpassed speed

### ECONOMICAL USE RATES

- Dependent upon use rate and application programs, Aim can save up to \$3.50 per acre versus Def®/Folex®
- Aim can be tank mixed with a competitively-priced boll opener



## Aim® Product Specifics:

1. Spectrum of Activity: Cotton Defoliation; Removes Juvenile Regrowth; Weed Desiccation: cocklebur, hophornbean copperleaf, morningglories, nightshades, pigweeds, prickly sida, tropical spiderwort and velevetleaf.
2. Mode of Action: PPO inhibitor, namely Proto-Porphynogen Oxygenase disruptor, rupturing plant cell membranes. Symptoms of activity are usually visible within a few hours.
3. Chemical Product Identification:
  - Product Use: Cotton Defoliant, Weed Desiccant, Juvenile Regrowth Control.
4. Physical and Chemical Properties:
  - Physical Form (*Formulations*): Emulsifiable Concentrate (EC) containing 2 pounds active ingredient per gallon.
  - Boiling Point: Carfentrazone Technical 350° C Boiling Point.
  - Solubility in Water: Carfentrazone Technical 12 ppm at 20° C 22 ppm at 25° C.
5. Registered Crops:
  - Cotton
6. Specific Crop Use Information:
  - Cotton Defoliation

## Southeast Version – Regional Use Patterns

Virginia, North Carolina, South Carolina, and Georgia use primarily single pass programs. Apply at 60% open bolls, last harvestable boll, or NACB 4 (*Nodes above cracked boll 4*). Apply Aim® at 1/2 to 3/4 oz/A + a boll opener such as CottonQuik® + adjuvant. Use lower rates of Aim and boll opener under hot conditions (*greater than 90° F*) and rank cotton growth with 0.25% v/v NIS. When temperatures are moderate (*greater than 80° F*) consider increasing use rate of Aim to 3/4 oz/A + higher rates of boll opener and use either with NIS at 0.25% or COC at 0.5% v/v. When temperatures are low (*less than 80° F*), use AIM at 3/4 oz/A + a higher rate of boll opener and a minimum of 0.5% v/v COC. For strictly defoliation of juvenile regrowth (*with greater than 80% bolls open*) use Aim at 2/3 oz/A + 0.25% v/v NIS under hot conditions (*temperatures greater than 90° F*). With moderate temperatures (*greater than 80° F*), use Aim at 2/3 – 3/4 oz/A plus either NIS at 0.25% v/v or COC at 0.5% v/v. When temperatures are low, use Aim at 3/4 – 1.0 oz/A + COC at 0.5% v/v or higher.

For more information,  
please contact your  
FMC Star Retailer.

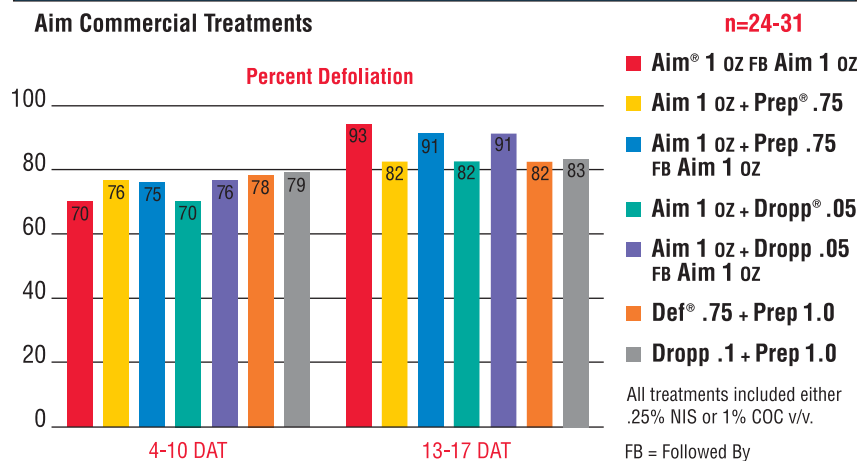


### FMC Corporation

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## Aim EC Spindle Picker Evaluation Program 2002 and 2004



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## Aim® Product Specifics:

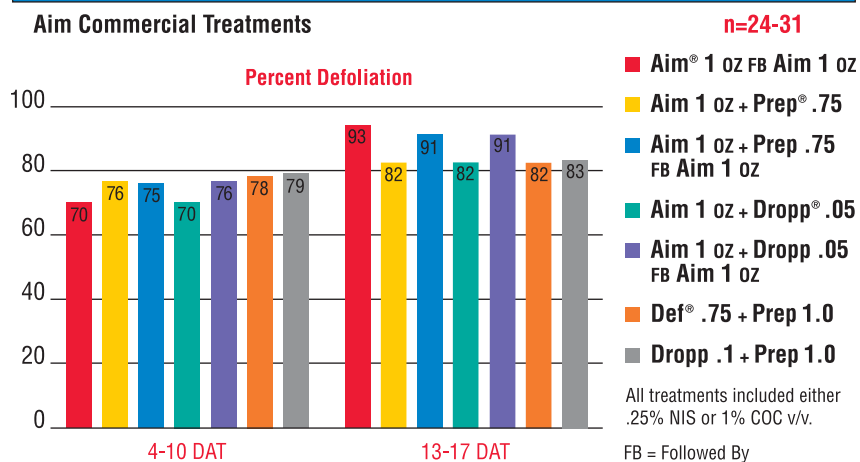
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2. Mode of Action: PPO inhibitor, namely Proto-Porphynogen Oxygenase disruptor, rupturing plant cell membranes. Symptoms of activity are usually visible within a few hours.
3. Chemical Product Identification:
  - Product Use: Cotton Defoliant, Weed Desiccant, Juvenile Regrowth Control.
4. Physical and Chemical Properties:
  - Physical Form (*Formulations*): Emulsifiable Concentrate (EC) containing 2 pounds active ingredient per gallon.
  - Boiling Point: Carfentrazone Technical 350° C Boiling Point.
  - Solubility in Water: Carfentrazone Technical 12 ppm at 20° C 22 ppm at 25° C.
5. Registered Crops:
  - Cotton
6. Specific Crop Use Information:
  - Cotton Defoliation

## Delta Version – Regional Use Patterns

Eastern Texas including Coastal Bend Counties, Louisiana, Mississippi, Southern Alabama and Florida are areas that usually require sequential applications and where thidiazuron is frequently used. In a three-way tank mix, apply Aim® at 1/2 oz/A + boll opener + Dropp® 1.6 oz/A + adjuvant. Use lower rates of Aim and boll opener under hot conditions (*greater than 90° F*) and rank cotton growth with 0.25% v/v NIS. Make a second application at least 7 days after the first with Aim at 3/4 – 1 oz/A + NIS 0.25% v/v or COC 0.5% v/v under hot conditions. When temperatures are moderate (*greater than 80° F*) consider increasing use rate of Aim to 3/4 oz/A + higher rate of boll opener + Dropp 1.6 oz/A and use either NIS at 0.25% or COC at 0.5% v/v. Make a second application at least 7 days after the first with Aim at 1 oz/A + COC 0.5% v/v. When temperatures are low (*less than 80° F*), use Aim at 3/4 – 1 oz/A + higher rate of boll opener and a minimum of 0.5% v/v COC. Make a second application at least 7 days after the first with Aim at 1 oz/A + COC 0.5% v/v. For strictly defoliation of juvenile regrowth (*with greater than 80% bolls open*) use Aim 2/3 to 3/4 oz/A + 0.25% v/v NIS or Aim 1/2 to 2/3 oz/A + Dropp 1.6 oz/A + 0.25% v/v NIS under hot conditions (*temperatures greater than 90° F*).

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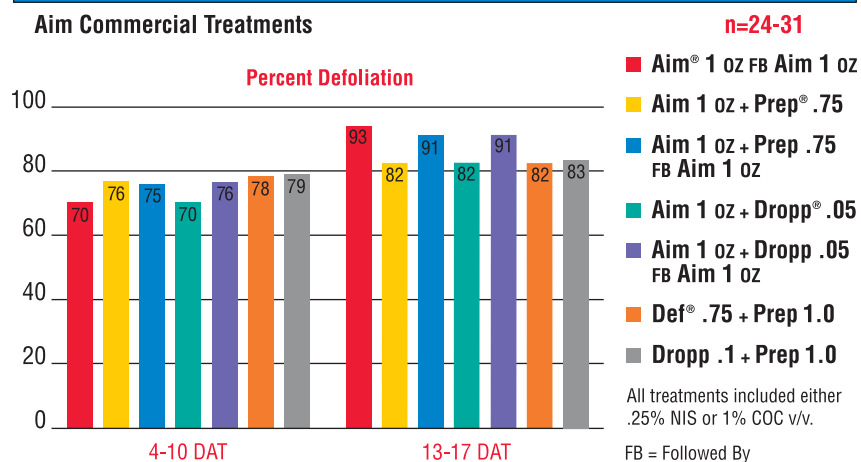
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5. Registered Crops:
  - Cotton
6. Specific Crop Use Information:
  - Cotton Defoliation

## Texas Version – Regional Use Patterns

Apply at 60% open bolls, last harvestable boll, or NACB 4 (*Nodes above cracked boll 4*). Apply Aim® at 1/2 to 3/4 oz/A + a boll opener such as Finish® 6 + adjuvant. Use lower rates of Aim and boll opener under hotter weather and more rank cotton growth. Under hot conditions (*greater than 90° F*), use 0.25% v/v NIS. When temperatures are moderate (*greater than 80° F*) consider increasing use rate of Aim to 3/4 oz/A + higher rate of boll opener + consider using either NIS at 0.25% or COC at 0.5% v/v. When temperatures are low (*less than 80° F*), use Aim at 3/4 to 1 oz/A + higher rate of boll opener + COC 0.5% v/v.

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