



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

Mr. Morris Gaskins  
Registrations Manager  
Albaugh, Inc.  
P.O. Box 2127  
Valdosta, GA 31604

Subject: Label Amendment – Adding Use on Cotton  
Product Name: Fomesafen 22.1% SC  
EPA Registration Number: 42750-229  
Submission Date: September 1, 2011  
Decision Number: 454559

DEC - 2 2011

Dear Mr. Gaskins:

The label amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended is acceptable.

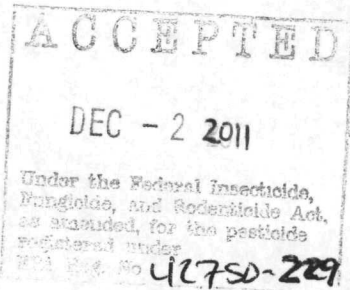
Products shipped after 18 months from the date on this notice or the next printing of the master label whichever occurs first, must bear the new label language. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA. Your release for shipment of this product constitutes acceptance of these conditions. As required, you must submit one copy of the final printed label before the product is released for shipment. If you have any questions please contact Michael Walsh by phone at (703) 308-2972 or via email at "walsh.michael@epa.gov"

Sincerely,

A handwritten signature in black ink, appearing to read "Kathryn V. Montague".

Kathryn V. Montague  
Product Manager (23)  
Herbicide Branch  
Registration Division (7505P)

Enclosure



**SUPPLEMENTAL LABELING**

THIS BULLETIN EXPIRES DECEMBER 5, 2014

**FOMESAFEN 22.1% SC**

EPA Reg. No. 42750-229

**FOR CONTROL OF WEEDS IN COTTON**

READ THE ENTIRE LABEL FOR FOMESAFEN 22.1% SC BEFORE PROCEEDING WITH THE USE DIRECTIONS CONTAINED IN THIS SUPPLEMENTAL LABEL

When using FOMESAFEN 22.1% SC as permitted according to this supplemental label, read and follow all applicable directions, restrictions, and precautions on the label booklet provided with the pesticide container and on this supplemental labeling.

This supplemental labeling must be in the possession of the user at the time of pesticide application.

In case of an emergency involving this product, Call CHEMTREC toll free at 1-800-424-9300

KEEP OUT OF REACH OF CHILDREN.

**DANGER/PELIGRO**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

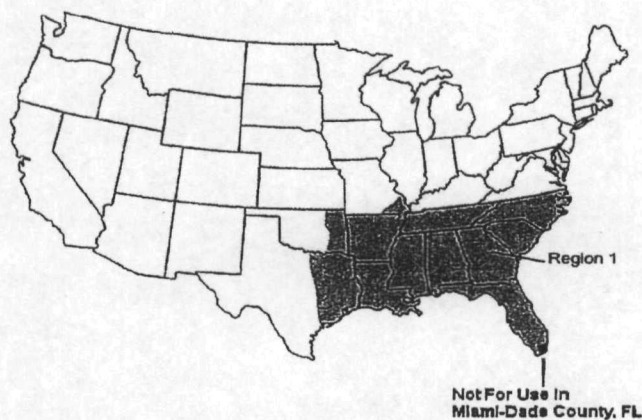
Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

MANUFACTURED BY:  
 Albaugh, Inc.  
 Ankeny, IA 50021

# COTTON USE DIRECTIONS

## REGION 1

REGION 1: Includes the following states or portion of states where FOMESAFEN 22.1% SC may be applied: Alabama, Arkansas, Florida (except Miami-Dade County), Georgia, Louisiana, Mississippi, Missouri (Counties of Bollinger, Butler, Cape Girardeau, Dunklin, Madison, Mississippi, New Madrid, Pemiscot, Perry, Ripley, Scott, Stoddard and Wayne), North Carolina, Oklahoma (East of U.S. Highway 75 and East of Indian Nation Parkway), South Carolina, Tennessee and Texas (all areas East of U.S. Highway 77 to State Road 239, including all of Calhoun County).



### PREEMERGENCE APPLICATION:

Apply Fomesafen 22.1% SC pre-emergence at 1-1.5 pts./A in cotton in Region 1 for control or partial control of the weeds listed in Table 1 of the container label. Apply as a pre-emergence treatment only to coarse textured soils (sandy loam, loamy sand, sandy clay loam).

Do not apply as a pre-emergence treatment to medium or fine-textured soils as crop injury will likely occur.

To broaden the weed control spectrum, Fomesafen 22.1% SC may be tank mixed with other preemergence herbicides such as Caparol®, Cotoran®, Direx®, Karmex®, Solicam®, or Staple®.

For control of emerged weeds, Fomesafen 22.1% SC may be tank mixed with a burndown herbicide such as Gramoxone Inteon™ or glyphosate brands (such as Touchdown®, Roundup®) labeled in cotton. In reduced tillage plantings, Fomesafen 22.1% SC can be applied up to 14 days prior to planting or at planting with a burndown herbicide. Refer to the tank-mix partner label for use directions, restrictions and limitations. The most restrictive product labeling applies. Cotton plants are tolerant to pre-emergence applications of Fomesafen 22.1% SC when applied at recommended rates and to coarse textured soil types. Some crinkling or spotting of cotton foliage or stunting may occur, especially if heavy rainfall occurs during or soon after cotton emergence, but cotton plants normally outgrow these effects and develop normally.

Cotton foliage is not tolerant to Fomesafen 22.1% SC. Do not apply Fomesafen 22.1% SC over the top of emerged cotton as unacceptable cotton injury will occur.

**POST-DIRECTED APPLICATION:**

Apply Fomesafen 22.1% SC in emerged cotton as a post-directed treatment using precision post-directed, hooded or shielded application equipment to provide complete coverage of emerged weeds. Apply Fomesafen 22.1% SC at 1 - 1.5 pints per acre in a minimum of 10 gallons spray solution per acre.

Post-directed applications of Fomesafen 22.1% SC will provide contact control of labeled emerged weeds and residual pre-emergence control of labeled weeds (once activated by rainfall or irrigation). See container label sections for a list of weeds controlled, recommended application rates, weed growth stages, and application directions.

Fomesafen 22.1% SC should be applied with a non-ionic surfactant at 0.25 to 0.5% v/v, or crop oil concentrate at 1% v/v to emerged weeds. Do not add liquid nitrogen (28% or similar) to Fomesafen 22.1% SC, or Fomesafen 22.1% SC tank mixes in cotton. To broaden the weed control spectrum, post-directed applications of Fomesafen 22.1% SC may be tank mixed with other labeled post-directed herbicides such as Caparol, Direx, Dual MAGNUM®, Envoke®, Karmex, Layby™ Pro, MSMA, Sequence®, or Suprend®. When applied with hooded or shielded sprayers, Fomesafen 22.1% SC and Fomesafen 22.1% SC tank mixes may be applied with burndown products such as Gramoxone Inteon, Sequence or glyphosate brands (such as Touchdown, Roundup) labeled for in crop application in cotton. Refer to the tank-mix partner label for use directions, restrictions and limitations. The most restrictive product labeling applies.

Cotton foliage is not tolerant to Fomesafen 22.1% SC applications. Avoid contact to cotton foliage as unacceptable injury will occur. Application equipment should be calibrated (spray pressure, nozzle type and configuration, and orifice size) to avoid fine spray droplets contacting green cotton stems and foliage.

**POST-DIRECTED APPLICATION TIMING IN COTTON:**

Fomesafen 22.1% SC may be applied to cotton at least 6 inches in height through lay-by as a post-directed application. All post-directed applications should avoid spray contact with any green non-barked parts of the cotton plant or foliage as unacceptable injury will occur. Follow the application timing recommendations below for post-directed applications in cotton.

**SHIELD AND HOODED APPLICATIONS:**

Make a precision post-directed Fomesafen 22.1% SC application to the base of the cotton plant avoiding contact with the cotton stem or foliage when cotton is at least 6 inches in height to avoid cotton injury. Use only hooded or shielded spray equipment to apply Fomesafen 22.1% SC in cotton that is 6 inches to 12 inches in height. Adjust nozzles to provide full coverage of emerged target weeds.

**LAYBY APPLICATIONS:**

Make a post-directed Fomesafen 22.1% SC application to the base of the cotton plant avoiding contact with any non-barked portion of the cotton plant or foliage. Use precision post-directed equipment or hooded or shielded sprayers on cotton that has developed a minimum of 4 inches of brown bark through layby. Application equipment should be configured to provide full coverage of emerged target weeds.

**RESTRICTIONS FOR USE ON COTTON:**

- Do not apply Fomesafen 22.1% SC later than 70 days before harvest.
- Do not apply more than 1.5 pints per acre of Fomesafen 22.1% SC in any year.
- Do not make more than one application of Fomesafen 22.1% SC per year.
- If two consecutive year applications are made, allow a 2 year interval before another application.

Special Use Directions for the Suppression of Woollyleaf Bursage (Lakeweed), *Ambrosia grayi*, in Texas:

Apply Fomesafen 22.1% SC to cultivated areas of cropland in the fall or spring as a spot treatment at a rate of 1.5 pints per acre and incorporate to a depth of 2-3 inches for suppression of woollyleaf bursage. Applications should be made with ground equipment.

The use of adjuvants, as specified under the Spray Additives section, will significantly improve the initial burndown of any emerged woollyleaf bursage, but this effect is only temporary. Therefore, an adjuvant may be used if desired, but is not necessary.

Significant suppression may not be seen until 6-8 months after application, but should then continue for at least 2 years after application. Cotton or soybeans may be planted in treated areas. Under certain conditions, significant damage may occur to cotton planted within 18 months of application. A 3-year interval from last application to planting is required for all other crops.