

MAR 13 1990

Mr. John S. Thornton  
Möbay Corporation  
P. O. Box 4917  
Kansas City, Mo 64120

Dear Mr. Thornton:

Subject: Addition of ovicidal Heliothis (Boltorn/Bollworm)  
claim to label  
EPA Registration No. 3125-102  
Resubmission of September 13, 1989

The amendment referred to above, submitted in connection with registration under section 2(c)(7)(A) of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), is acceptable provided that you:

1. Submit/cit all data for registration/reregistration of your product under FIFRA section section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Submit five (5) copies of final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(3). Your release for shipment of the product constitutes acceptance of the conditions.

A stamp copy of labeling is enclosed for your records.

The data submitted (MRID No 4123940) in support of the above claim indicate that Guthion applied at 0.11, 0.2 and 0.25 lb/acre provided contact control of freshly laid (24 hours old or less) Heliothis virescens and Heliothis zea eggs. Guthion did not provide residual control of eggs or control of neonate larva at eclosion.

Please refer to the attached review for addition information.

Sincerely yours,

Dennis H. Edwards, Jr.  
Product Manager (12)  
Insecticide Rodenticide Branch  
Registration Division (H7505C)

PM 12

3125-102

3 of 4

102-6568.YLD

Base Pre-Reg. (6568)

U.S. LABEL

Reason to Issue: To delete recommendations for use with Galecron and Fundal and to add Heliothis (Rollworm/Budworm) Ovicidal to pest list; 10/26/88  
Draft: Revise in accordance with internal review comments.

Date of Draft: 10/26/88 (Pre-Reg) (M)  
Supersedes Pre-Reg Draft Dated: 8/31/88

EPA Reg. No. 3125-102

**RESTRICTED USE PESTICIDE**  
Due to Acute Toxicity  
For retail sale to and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's certification.

**GUTHION® 2L**  
**EMULSIFIABLE INSECTICIDE**

ACTIVE INGREDIENT:  
O,O-Dimethyl S-[(4-oxo-1,2,3-benzotriazin-3(4H)-yl)methyl] phosphorodithioate ..... 22.2%  
INERT INGREDIENTS: ..... 77.8%  
100.0%

EPA Reg. No. 3125-102

Revise as Follows:

~~REGISTERED~~  
~~with OCS~~  
in EPA Letter-Draft

MAY 13 1989

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 3125-102

GUTHION 2L insecticide

RECOMMENDED APPLICATIONS

CROP FIELD CROPS	INSECT	PINTS GUTHION 2L	REMARKS
Cotton	Boll weevil  <u>Heliothis</u> (Bollworm/Budworm) Ovicidal	1/2 to 1	Apply specified dosage per acre by air or ground equipment in sufficient water for complete coverage but not less than 1 gallon per acre. For application by irrigation systems: Apply specified dosage per acre. Follow all directions given under the CHEMIGATION section of this label.
	Brown cotton leafworm Cotton fleahopper Cotton leafworm Lygus bugs Thrips	1	A total of 12 applications per crop season may be made regardless of rate, formulation or method of application used.  Applications may be made up to 1 day before hand picking. Cotton may be machine harvested any time after application.
	Pink bollworm Rapid plant bug Tarnished plant bug	1 to 2	Cotton receiving late-season applications should not be pastured.
	Stink bug	2	For maximum contact <u>Heliothis</u> ovicidal effect, time application to correspond to peak egg deposition.  For control of the larval stages of resistant and non-resistant bollworm and/or tobacco budworm, BOLSTAR® 6 may be included in GUTHION 2L tank mixes.