

T-412  
Ref. 2

Case Pre-Reg. (785)

U.S. LABEL

Reason to Issue: To add ultra low  
volume use.

Date of Draft: 6/3/66 (Pre-Reg.)  
Supersedes Draft Dated: --

Reg. U.S. 5/22/67

(K)  
GUTHION

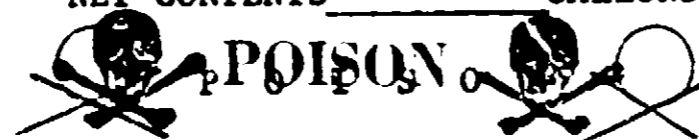
SUGARCANE INSECTICIDE

FOR USE ONLY IN LOUISIANA

FOR EFFECTIVE CONTROL OF SUGARCANE  
BORER

GUARANTEE: Contains 2.0 lbs.  
O,O-Dimethyl S-[4-oxo-1,2,3-benzo-  
triazin-3(4H)-ylmethyl]phosphoro-  
dithioate per gallon.

NET CONTENTS \_\_\_\_\_ GALLONS



DANGER

KEEP OUT OF REACH OF CHILDREN

(See rear panel for antidote  
and warning statements)

ACTIVE INGREDIENT:

O,O-Dimethyl S-[4-oxo-1,2,3-  
-benzotriazin-3(4H)-ylmethyl]  
phosphorodithioate# ..... 22.2%  
Aromatic Petroleum Distillate ... 70.8%

INERT INGREDIENTS: ..... 7.0%  
100.0%

#U.S. Patent No. 2,758,115  
Canadian Patent No. 552,660

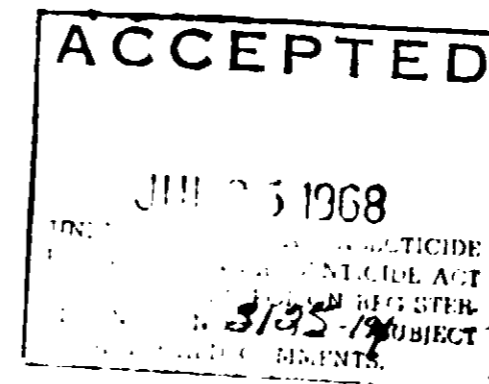
USDA Reg. No. 3125-194

DO NOT STORE BELOW 45° F. PROTECT FROM  
HEAT. KEEP AWAY FROM OPEN FLAME.

DO NOT HEAT

STOP - READ THE LABEL BEFORE USE

MANUFACTURED BY  
CHEMAGRO CORPORATION  
KANSAS CITY, MO.



Note: Underlined letters in chemical nomenclature should be italicized when printed,  
not underlined.

3125-194

**ACCEPTED**  
 JUL 25 1968  
 UNDER THE FEDERAL INSECTICIDE ACT  
 REGISTERED PRODUCT  
 TO APPL. NO. 100000

Camera's Note  
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compliance with these directions for use and the opinion of experts based on tests of effectiveness, of toxicity to plants and laboratory animals and of residues on or in food and feed under normal conditions of use. However, because of the wide range of conditions under which this product may be used, even though label directions are followed, it is impossible to eliminate all risks associated with its use because of abnormal conditions beyond the control of the seller. Chemagro Corporation and the Seller offer, and the Buyer uses, this product subject to the understanding that the Buyer assumes all such risks.

GUTHION Sugarcane Insecticide is very effective for control of the sugarcane borer. It may be applied by aircraft in conventional or ultra low volume sprays at any time during the day provided wind conditions are relatively calm. Aircraft should be flown at a height that will insure uniform coverage.

MIXING: GUTHION Sugarcane Insecticide forms an emulsion when diluted with water and is suitable for use in all aircraft sprayers. To mix with water, pour the required amount of GUTHION Sugarcane Insecticide into full amount of water and then agitate. GUTHION Sugarcane Insecticide may also be applied undiluted in aircraft spray equipment adapted for ultra low volume spraying as described below under "Recommended GUTHION Applications."

DOSAGE: Use specified dosage of GUTHION Sugarcane Insecticide undiluted or in the amount of water necessary to give complete coverage of foliage. The type of equipment used will determine the concentration required.

SPRAYING: When low volumes of spray are applied, complete coverage and thorough application are essential for most effective results. Schedule applications in accordance with local conditions. Consult your State Agricultural Extension Service or Experiment Station for specific use information in your area.

RECOMMENDED GUTHION APPLICATIONS

CROP	INSECT	Pints GUTHION	REMARKS
Sugarcane (Conventional Spray)	Sugarcane borer	3	Apply specified dosage per acre by air application using a minimum of 2 gallons of water per acre. For best results applications should be made at altitudes approximately 10 feet above cane-top level. Do not apply more than 5 times per season nor within 30 days of harvest. Bagasse from GUTHION treated sugarcane may be used for feed of cattle, goats, and sheep. Consult your State Agricultural Extension Service or Experiment Station for specific use information.
Sugarcane <sup>(2)</sup> (Ultra Low Volume Spray)	Sugarcane borer	3	Apply specified dosage per acre undiluted. GUTHION Sugarcane Insecticide may be used undiluted in any aerial spray equipment that has been adapted and calibrated for ultra low volume spraying. Planes must be equipped with accepted low volume devices that will produce droplet within the range of 30 to 100 microns in size. For best results applications should be made at cane top level. Do not apply more than 5 times per season nor within 30 days of harvest. Bagasse from GUTHION treated sugarcane may be used for feed of cattle, sheep and goats. Consult your State Agricultural Extension Service or Experiment Station for specific use information.

(2) Note: This formulation, when used as directed, is safe for the user and the environment. It is not intended for use in areas where it may be harmful to humans or animals.

#### PRECAUTIONS

Do not use on other crops used for feed or for other purposes. Do not use harvest trash to livestock. Use only according to label directions. Application rates above those shown may result in illegal crop residues.

Highly toxic to fish and wildlife. Birds and other wildlife in treated areas may be harmed. Do not contaminate any body of water or apply to any area not specified on the label.

#### CONTAINER DISPOSAL

**DO NOT REUSE THE CONTAINER** - Completely empty the contents and bury the unused chemical at least 18 inches deep in an isolated location away from water supplies. Rinse empty drum by filling with water and add 1 cup of household lye to each 5 gallons of water. Bury rinse solution at least 18 inches deep in an isolated area away from water supply. Punch holes in the top and bottom of the can, crush the can, and bury deeply in an isolated location.

Do not use container in any connection with feed, food, and drinking water.

#### WARNING

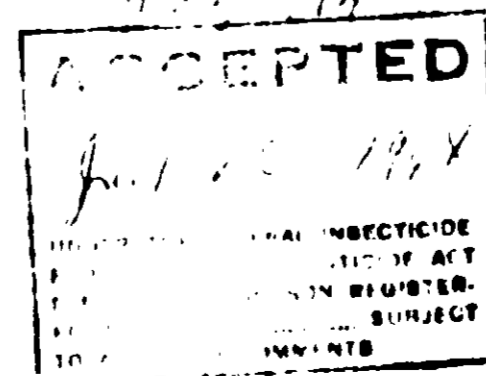
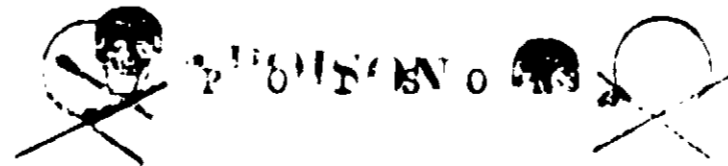
Poisonous if swallowed, inhaled, or absorbed through the skin. Do not get in eyes or on skin. Wear protective clothing, natural rubber gloves, and goggles.

Do not breathe fumes or spray mist. Wear a mask or respirator effective for protection against GUTHION. Information as to suitable types of masks or respirators is available from the U.S. Department of Agriculture.

Do not contaminate feed or food. Keep out of reach of children. Keep all unprotected persons out of the operating area or vicinity where there may be danger of drift. Workers who must enter treated fields within 2 days of application should wear protective clothing. Wash hands, arms, and face thoroughly with soap and warm water before eating or smoking. Wash all contaminated clothing with soap and hot water before reuse.

**SYMPTOMS OF POISONING:** A sense of "tightness" in the chest. Sweating. Contracted pupils. Stomach pains. Vomiting and diarrhea.

**TREATMENT:** In case of poisoning call a physician immediately. Have a patient lie down and keep quiet. If swallowed, induce vomiting by giving a tablespoonful of salt in a glass of warm water. Administer milk or water freely and again induce vomiting until vomit fluid is clear. If on skin, remove contaminated clothing and wash skin immediately with soap and warm water. If eyes are contaminated, wash with flowing water for at least 15 minutes.



(CONTINUED)

... .. Repeat as  
... .. and may be admini-  
... ..

... .. resulting in stimulation of the central nervous  
... .. and the somatic motor nerves. Do not  
... .. Watch for pulmonary edema, which may develop in serious cases of  
... .. At first sign of pulmonary edema, the patient  
... .. should be placed in an oxygen tent and treated symptomatically.

WARRANTY AND LIMITATION OF DAMAGES

Chemagro Corporation warrants that this material conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use and Conditions of Sale; subject to the risks referred to therein. Chemagro Corporation makes no other express or implied warranty, including any other express or implied warranty of FITNESS or of MERCHANTABILITY, and no agent of Chemagro Corporation is authorized to do so except in writing, with a specific reference to this warranty. Any damages arising from a breach of this warranty shall be limited to direct damages, and shall not include consequential commercial damages such as loss of profits or values, etc.

GUTHION is Reg. TM in U.S. and Canadian Pat. Offs. by Farbenfabriken Bayer A.G., Chemagro Corporation licensee.

ALL LABEL TEXT ABOVE EXCEPT THAT WHICH IS UNDERLINED HAS HAD PREVIOUS REGISTRATION ACCEPTANCE.

Above label text is the original submitted with application.

