

1483
 3/12
 3125-271

RESTRICTED USE PESTICIDE
 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.

STOP! READ THE LABEL

POISON
 See side panels
 for antidote
 and precautionary
 statements



DANGER
 Keep out of reach
 of children

CAN KILL YOU
 NOT FOR HOME USE

5% of original size

GUTHION plus Methyl Parathion

SPRAY CONCENTRATE INSECTICIDE
 FOR EFFECTIVE CONTROL OF INSECTS ON COTTON AND SOYBEANS

Contains 0.75 lb. O,O Dimethyl
 S [4-oxo-1,2,3 benzotriazin-3(4H)-
 ylmethyl] phosphorodithioate plus 3.0 lb.
 O,O Dimethyl O [o-nitrophenyl] phosphoro-
 thioate per gallon

ACTIVE INGREDIENTS	
O,O Dimethyl S [4-oxo-1,2,3 benzotriazin-3(4H)-ylmethyl] phosphorodithioate	8.0%
O,O Dimethyl O [o-nitrophenyl] phosphorodithioate	37.5%
Xylene	20.5%
Aromatic Petroleum Distillates	32.0%

NET CONTENTS GALLONS

INERT INGREDIENTS	
Methyl Ethanol	1.0%
	100.0%

**DO NOT USE, POUR, SPILL, OR STORE
 NEAR HEAT OR OPEN FLAME**
 Do Not Store Below 32° F

EPA Reg. No. 3125-271



Möbi Chemical Corporation
 Agricultural Chemical Division
 Box 4913, Kansas City, Mo. 64120



DANGER—POISON—PRECAUTIONS

POISONOUS IF SWALLOWED

This product can kill you if swallowed even in small amounts. Spray mist or dust may be fatal if swallowed.

POISONOUS BY SKIN CONTACT

Poisonous if touched by hands or spilled or splashed on skin. In eyes or on clothing liquid goes through clothes.

POISONOUS IF BREATHED

Breathing vapors, spray mist or dust may be fatal.

POISONOUS TO FISH AND WILDLIFE

This product is toxic to fish, birds and other wildlife. Birds feeding on treated areas may be killed. Do not contaminate any body of water nor apply to any area not specified on the label. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from treated areas. Apply this product only as specified on the label.

This product is highly toxic to bees exposed to direct treatment or residues on crops. Protective information may be obtained from your Cooperative Agricultural Extension Service.

RESTRICTIONS

Do not use on other crops used for food or forage. Use only according to label directions. Application at rates above those shown may result in illegal crop residues.

USE ONLY WHEN WEARING THE FOLLOWING PROTECTIVE EQUIPMENT AND CLOTHING

- (1) Wear water proof pants, coat and rubber boots or rubber overshoes.
- (2) Wear safety goggles.
- (3) Wear mask or respirator approved by the U.S. Bureau of Mines for parathion protection.
- (4) Wear heavy duty, natural rubber gloves.

WORK SAFETY RULES

Keep all unprotected persons and children away from treated areas or where there is danger of drift.

Do not rub eyes or mouth with hands. If you feel sick in any way STOP work and get help right away. Call a doctor (physician) clinic or hospital—immediately (explain that the victim has been exposed to parathion and describe his condition). After first aid is given (see First Aid Treatment Section) and if a doctor cannot come take victim to clinic or hospital.

IMPORTANT! Before removing gloves, wash them with soap and water. Always wash hands, face and arms with soap and water before smoking, eating or drinking.

AFTER WORK take off all work clothes and shower using soap and water. Wear only clean clothes when leaving job. Do not wear contaminated clothing. Wash protective clothing and protective equipment with soap and water after each use. The pump should be cleaned and filter replaced according to instructions included with respirator.

POST TREATED AREA

Consult your State Agricultural Extension Service Experiment Station regarding posting treated areas.

DISPOSAL OF EMPTY CONTAINER—Do not reuse this container. Completely empty the contents and bury the unused chemical at least 18 inches deep in an isolated location away from water supplies. Flush out the inside of the container with water to which has been added detergent and caustic soda. Carefully discard the rinse solution by burying at least 18 inches deep in an isolated area away from water supplies. Puncture and crush empty metal container and bury at least 18 inches deep in a supervised public or private dump.

KEEP OUT OF REACH OF CHILDREN

PARATHION

Parathion is a very dangerous poison. If rapidly on the body in contact with all skin surfaces and eyes. Clothing wet with this material must be removed immediately. Injured persons must receive prompt medical treatment or they may die.

Some of the signs and symptoms of poisoning are: Headache, dizziness, vomiting, cramps, weakness, blurred vision, pain in the stomach, tightness in the chest, labored breathing, nervousness, sweating, watering of the eyes, drooping or twitching of the mouth and nose, muscle spasms and coma.

FIRST AID TREATMENT

Call a doctor (physician), clinic or hospital immediately. Explain that the victim has been exposed to parathion and describe his condition.

If breathing has stopped, start artificial respiration immediately and maintain until doctor sees victim.

If swallowed, administer milk or water freely and induce vomiting by giving one dose (1% or 15 ml.) of syrup of ipecac. If vomiting does not occur within 30 minutes, administer second dose. If syrup of ipecac is not available, induce vomiting by sticking

finger down throat. Repeat until vomit fluid is clear. Never give anything by mouth to an unconscious person. Have victim lie down and keep quiet. Professional medical assistance should be secured immediately.

In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. See doctor immediately.

NOTE TO PHYSICIAN

Antidote—administer atropine sulfate in large doses, TWO to FOUR mg. intravenously or intramuscularly as soon as cyanosis is overcome. Repeat at 5 to 10 minute intervals until signs of atropinization appear. 2-PAM (chloride is also anticholinergic and may be administered in conjunction with atropine. **DO NOT GIVE MORPHINE OR TRANQUILIZERS.** Parathion is a strong cholinesterase inhibitor affecting the central and peripheral nervous systems and producing cardiac and respiratory depression. At first sign of pulmonary edema, the patient should be given supplemental oxygen and treated symptomatically. Can have absorption of the poison may occur and fatal relapses have been reported after initial improvement. **VERY CLOSE SUPERVISION OF THE PATIENT IS INDICATED FOR AT LEAST 48 HOURS.**

GUTHION is a Reg. TM of the Parent Company of Farbenfabriken Bayer GmbH, Leverkusen

DIRECTIONS FOR USE

IMPORTANT Read these entire Directions and Conditions of Sale before using GUTHION plus Methyl Parathion Spray Concentrate.

CONDITIONS OF SALE: THE DIRECTIONS ON THIS LABEL WERE DETERMINED THROUGH RESEARCH TO BE THE DIRECTIONS FOR CORRECT USE OF THIS PRODUCT. THIS PRODUCT HAS BEEN TESTED FOR A RANGE OF WEATHER CONDITIONS SIMILAR TO THOSE WEATHER CONDITIONS THAT ARE ORDINARY AND CUSTOMARY IN THE GEOGRAPHIC AREA WHERE THE PRODUCT IS USED. **INSUFFICIENT CONTROL OF PESTS MAY RESULT FROM THE OCCURRENCE OF EXTRAORDINARY OR UNUSUAL WEATHER, OR FROM FAILURE TO FOLLOW LABEL DIRECTIONS.** IN ADDITION, FAILURE TO FOLLOW LABEL DIRECTIONS MAY CAUSE **INJURY TO THE CROP TO WHICH THE PRODUCT IS APPLIED, OTHER CROPS, ANIMALS, MAN, OR THE ENVIRONMENT.** MOBAY AND THE SELLER OFFER, AND THE BUYER ACCEPTS AND USES, THIS PRODUCT TO THE CONDITIONS THAT EXTRAORDINARY OR UNUSUAL WEATHER OR FAILURE TO FOLLOW LABEL DIRECTIONS ARE BEYOND THE CONTROL OF MOBAY AND ARE, THEREFORE, THE RESPONSIBILITY OF THE BUYER.

MIXING GUTHION plus Methyl Parathion Spray Concentrate forms an emulsion when diluted with water and is suitable for use in all power operated ground sprayers and aerial sprayers. To mix with water, pour the required amount of product into full amount of water and then agitate.

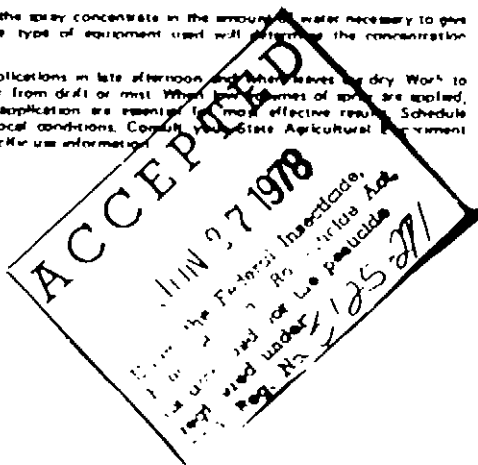
DOSEAGE Use specified dosage of the spray concentrate in the amount of water necessary to give complete coverage of foliage. The type of equipment used will determine the concentration required.

SPRAY For best results make applications in late afternoon and when leaves are dry. Work to windward. Protect sprayer operator from drift or mist. When two or more types 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 Experiment Station or Extension Service for specific use information.

RECOMMENDED APPLICATIONS

Crop	Insect	Pints SC	REMARKS
Cotton	Cotton leafworm	1/2 gal	Apply specified dosage per acre by air or ground equipment in sufficient water for complete coverage but not less than 1 gallon per acre. Repeat as necessary. Do not apply within 5 days of picking. Cotton receiving late season applications should not be pastured and gin trash from this cotton should not be fed to or boltworms begin treatment when worms are small and make applications on a 5-day schedule. Under heavy infestations reduce interval to 3-4 days for 2 or more applications. Workers entering treated areas within 24 hours should wear protective clothing.
	Cotton fleahopper		
	Lygus bugs		
	Rapid plant bug		
	Tarnished plant bug		
	Thrips	3/4	
	Aphids		
	Mites	1 to 1 1/2	
	Bolt weevil		
	Greenhopper		
Garden webworm	2 to 3		
Fall armyworm			
Cabbage looper	2		
Stinkbug			
Brown cotton leafworm	2%		
Cotton leaf perforator			
Salt marsh caterpillar	3		
Yellow striped armyworm			
Boltworm	5		
Cutworm			
Pink bollworm	1 to 1 1/2		
Bolt weevil			
Boltworm			
Cotton (Ultra Low Volume Spray)	Dispersal Weevil Control	2 2/3	Apply specified dosage per acre undiluted in any ground or aerial spray equipment that has been adapted and calibrated for ultra-low volume spraying. Spray machines must be equipped with accepted low volume devices that will produce droplets within the range of 30 to 100 microns in size. ULV aerial applications should be made at altitudes of 10 to 20 feet. Repeat applications as necessary but not within 5 days of picking. Do not graze livestock in treated areas. Do not feed gin trash to livestock. Workers entering treated areas within 24 hours should wear protective clothing. Early and Mid season control. Apply specified dosage per acre in accordance with local recommendations.
	Boltworms	3	Apply as directed above for bolt weevils beginning treatment when worms are small and make applications on a 5-day schedule. Under heavy infestations reduce interval to 3-4 days for 2 or more applications.
Soybeans	Aphids	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. Do not apply more than 2 times per growing season nor within 45 days of harvest. Do not graze or feed treated vines to livestock.
	Green cloverworm		
	Stinkbug	2%	
	Boltworm		

(1) Note: This formulation, when used diluted, may cause spotting of automobiles (if there is prolonged exposure) is permitted. Do not spray directly over automobiles. If accidental exposure does occur, automobiles should be washed immediately.



Guthion plus Methyl Parathion
 Spray Concentrate
 INSECTICIDE

ACCEPTED
 OCT 8 1978
 Under the Federal Insecticide,
 Fungicide, and Rodenticide Act
 as amended by the pesticide
 reauthorization act of 1972
 EPA Reg. No. 3125-271

ACTIVE INGREDIENTS:
O,O-Dimethyl S-[(4-oxo-1,2,3-benzo-
 triazin-3(4H)-yl)methyl] phosphoro-
 dithioate 8.0%
O,O-Dimethyl O-(p-nitrophenyl)
 phosphorothioate 32.5%
 Xylene 20.5%
 Aromatic Petroleum Distillates 32.0%

AMENDMENT
 To Previously Registered Labeling

Revise as Shown:

RECOMMENDED APPLICATIONS

CROP	INSECT	Pints - GUTHION plus Methyl Parathion SC	REMARKS
Soybeans	Aphids Green cloverworm Stinkbugs Cabbage looper	1-1/2	Apply specified dosage per acre by air or ground equipment in sufficient water for complete coverage but not less than 1 gallon per acre. Do not apply more than 2 times per growing season nor within <u>14</u> days of harvest. Do not graze or feed treated vines to livestock.
	Bollworm	2-1/2	

ALL COPY EXCEPT THAT WHICH IS UNDERSCORED HAS BEEN PREVIOUSLY REGISTERED.

U.S. LABEL

3125-281

Reason to Issue: To show crack and crevice treatment in food areas of food handling establishments.

Date of Draft: 11/12/73 (Pre-Reg.) (S)

EPA Reg. No. 3125-281

Ⓡ
BAYGON

OSC

INSECTICIDE

AMENDMENT

To Previously Registered Labeling

Revise as shown:

MIXING: BAYGON OSC insecticide readily mixes with deodorized kerosene or other insecticidal base oil. Combine 16 fluid ounces (one pint) to 3 gallons of oil and mix thoroughly.

Pest Control in Meat Packing and Food Processing Plants, Food Storage Areas and Restaurants:

Non-Food Areas: Apply as a spray to the point of runoff or with a paint brush to floors, walls, ceilings, or other infested areas.

Food Areas: Limited to Crack and Crevice Treatment Only - Apply a small amount of material directly into cracks and crevices such as expansion joints between different elements of construction or between equipment bases and the floor; wall voids, motor housing, junction boxes or switch boxes, conduits or hollow equipment legs where the insects noted above hide.

Care should be taken to avoid depositing the product onto exposed surfaces or introducing the material into the air. Avoid contamination of food or food processing surfaces.

Applications of this product in the food areas of food handling establishments, other than as a crack and crevice treatment, are not permitted.

Spraying unloading docks and outside areas where insects congregate will aid in preventing re-infestations. Good sanitation and proper disposal of wastes is essential in any effective insect control program.

Under RESTRICTIONS Delete:

Do not use in edible products areas of food processing plants, restaurants or other areas where food is commercially prepared or processed. Do not use in serving areas while food is exposed.

