



# SUPPLEMENTAL LABELING

10610  
PM12

3125-193

Mobay Chemical Corporation  
Agricultural Chemicals Division  
Box 4913, Kansas City, MO 64120

**ACCEPTED**  
**AUG 24 1982**  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under  
EPA Reg. No. 3125-193

**GUTHION**  
50% Wettable Powder

EPA Reg. No. 3125-193

### RECOMMENDED APPLICATIONS

CROP	INSECT	Pounds GUTHION 50% W.P.	REMARKS
Alfalfa Birdsfoot trefoil (east of the Miss- issippi River only) Clover	Leafhoppers Mites	1/2 to 1	Apply specified dosage per acre using a minimum of 10 gallons of water per acre. It may be necessary to use 20 to 25 gallons of water per acre on heavy growth for control of alfalfa weevil or Egyptian alfalfa weevil with ground equipment. Do not apply within 14 days of harvest at the rates of 1/2 to 3/4 pounds per acre or within 16 days at the rate of 1 pound per acre. Do not apply rates above 1 pound per acre within 21 days of harvest. Do not apply more than once per cutting at any rate.
	Alfalfa weevil	3/4 to 1-1/2	
Egyptian alfalfa weevil			
Alfalfa plant bug	1 to 1-1/2		
Fleahopper			
Grasshoppers Lygus bugs Spittlebug			

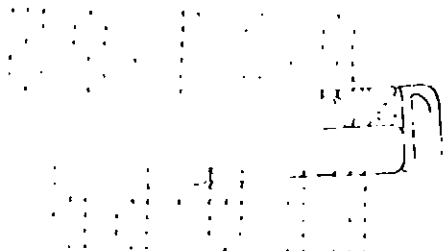
### ROTATIONAL CROPS

Treated areas may be replanted with any crop specified on this label as soon as practical after last application. Root crops may be planted 180 days after last application. All other crops must not be planted within 30 days of last application.

**IMPORTANT:** This supplemental labeling is not intended to provide full information for use of this product. Before using GUTHION 50% Wettable Powder, read and carefully observe the precautionary statements, directions for use, restrictions, storage and disposal statements, and other pertinent information on the label.

MOBAY CHEMICAL CORPORATION  
AGRICULTURAL CHEMICALS DIVISION  
Kansas City, Missouri 64120

**BEST AVAILABLE COPY**





# SUPPLEMENTAL LABELING

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Möbáý Chemical Corporation  
Agricultural Chemicals Division  
Box 4013, Kansas City, MO 64120

**ACCEPTED**  
**AUG 24 1982**  
U.S. Federal Insecticide,  
Fungicide and Rodenticide Act,  
as amended for the pesticide  
regulation number  
EPA Reg. No. 3125-193

**GUTHION**  
50% Wettable Powder  
Insecticide

EPA Reg. No. 3125-193

### RECOMMENDED APPLICATIONS

CROP	INSECT	Pounds GUTHION 50% WP	REMARKS
<b>FIELD CROPS</b>			
Alfalfa Clover (Includ- ing mixed stands with grasses, States east of the Missis- sippi River)	Aphids Leafhoppers Mites	1/2 to 1	Apply specified dosage per acre using a minimum of 10 gallons of water per acre. It may be necessary to use 20 to 25 gallons of water per acre on heavy growth for control of alfalfa weevil or Egyptian alfalfa weevil with ground equipment. Do not apply within 14 days of harvest or grazing at the rates of 1/2 to 3/4 pounds per acre or within 16 days at the rate of 1 pound per acre. Do not apply rates above 1 pound per acre within 21 days of harvest or grazing. Do not apply more than once per cutting at any rate.
	Alfalfa weevil Egyptian alfalfa weevil	3/4 to 1-1/2	
	Alfalfa plant bug; Fleahopper Grasshoppers Lygus bugs Spittlebug	1 to 1-1/2	
Pasture Grasses (States east of the Missis- sippi River)	Grasshoppers Meadow spittlebugs (adult)	1 to 1-1/2	Apply specified dosage per acre using a minimum of 10 gallons of water per acre. Do not apply more than once per cutting. Do not graze or harvest within 16 days of application at the 1 pound rate or 21 days at rates above 1 pound.

### ROTATIONAL CROPS

Treated areas may be replanted with any crop specified on this label as soon as practical after last application. Root crops may be planted 180 days after last application. All other crops must not be planted within 30 days of last application.

**IMPORTANT:** This supplemental labeling is not intended to provide full information for use of this product. Before using GUTHION 50% Wettable Powder, read and carefully observe the precautionary statements, directions for use, restrictions, storage and disposal statements, and other pertinent information on the label.

MOBAY CHEMICAL CORPORATION  
AGRICULTURAL CHEMICALS DIVISION  
Kansas City, Missouri 64120

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# SUPPLEMENTAL LABELING

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Mobay Chemical Corporation  
Agricultural Chemicals Division  
Box 4913, Kansas City, MO 64120

GUTHION  
50% Wettable Powder  
Insecticide

EPA Reg. No. 3125-193

MAY 7 1982  
3125-193

## RECOMMENDED APPLICATIONS

CROP	INSECT		Pounds	REMARKS
			GUTHION 50% WP	
Apples Crab apples Pears Quinces	Aphids	Mealybug	2 to 3	AERIAL APPLICATIONS: Apply specified dosage in a minimum of 3 gallons of water per acre. Apply by fixed-wing or helicopter aircraft. Where aphids are a problem aerial applications may not provide satisfactory control. Do not apply more than 5 times at the 2 pound rate nor 3 times at rates above 2 pounds. Do not apply within 7 days of harvest.
	Apple maggot	Orange tortrix		
	Codling moth	Pear psylla		
	European apple	Plum curculio		
	sawfly	Putnam scale		
	Eye-spotted	Red-banded		
	bud moth	Leaf roller		
	Forbes scale	San Jose scale		
	Fruit tree	Stink bug		
	leaf roller	Tarnished		
	Green fruit-	plant bug		
worm				
Leafhoppers				

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# SUPPLEMENTAL LABELING

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Möbáý Chemical Corporation  
Agricultural Chemicals Division  
Box 4913, Kansas City, MO 64120

\*GUTHION  
50% Wettable Powder  
Insecticide

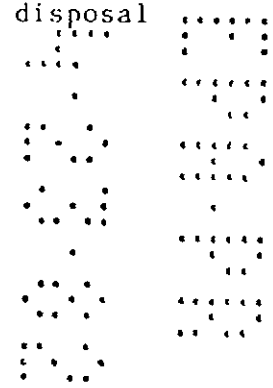
Under  
Fungicide  
or amends  
registered  
EPA Reg. No. 3125-193

EPA Reg. No. 3125-193

## RECOMMENDED APPLICATIONS

CROP	INSECT	Pounds GUTHION 50% WP	REMARKS
Ornamentals Nursery Plants, Forest & Shade Trees	Aphids Black vine weevil Cerococcus scale Euonymus scale Juniper scale Lace bugs Leafhoppers Mites Olive scale Oystershell scale Pulvinaria scale Thrips	3/4 to 1	Apply specified dosage per 100 gallons of water (2 level teaspoonfuls per gallon). Spray all foliage surfaces including the underside of leaves for complete coverage. For control of black pine leaf, brown soft, European elm, and Putnam scales, use 4 level teaspoonfuls per gallon. Repeat as necessary.
	Brown soft scale Putnam scale	2	
	European elm scale Black pine leaf scale	1-1/2 to 2	

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# SUPPLEMENTAL LABELING

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Möbáý Chemical Corporation  
Agricultural Chemicals Division  
Box 4913, Kansas City, MO 64120

**GUTHION**  
50% Wettable Powder  
CROP INSECTICIDE

**ACCEPTED**  
APR 26 1982  
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Fur... to Act,  
as amended, for the pesticide  
registered under  
EPA Reg. N. **3125-193**

EPA REG. NO. 3125-193-AA

## RECOMMENDED APPLICATIONS

CROP	INSECT	Pounds GUTHION 50% WP	REMARKS
FRUIT	Aphids Cottony peach scale European fruit lecanium scale Forbes scale Lesser peach tree borer Mites Peach tree borer	Platynota flavedana leaf roller Plum curculio Red banded leaf roller San Jose scale Stink bug Tarnished plant bug Terrapin scale Walnut scale White peach scale	Apply specified dosage in 100 gallons of water as a full coverage spray* using not more than 800 gallons of finished spray per acre. Repeat as necessary. Do not apply more than 8 times per season, nor within 21 days of harvest for apricots, nectarines, and peaches, nor within 15 days of harvest for plums and prunes. Apply the 3/4-pound rate for oriental fruit moth and peach twig borer on apricots, nectarines and peaches only before mid-season. For control of peach tree borer, apply 2 or 3 sprays to trunk from ground to scaffold limbs, timed with moth flight. For scale control, apply when crawlers are present. GUTHION 50% Wettable Powder is compatible with dormant and summer oils which may be added to peach and prune sprays in accordance with local recommendations. Do not use oils within 30 days of sulfur or lime-sulfur treatments. NOTE: It is suggested that when treating nectarines during bloom period, beekeepers should be warned well in advance to remove hives a safe distance from orchards to be treated.
Nectarines	Thrips	1/2 to 5/8	
Plums Prunes	Aphids Eye-spotted bud moth Forbes scale Fruit tree leaf roller Lesser peach tree borer Mites Orange tortrix Peach tree borer	Peach twig borer Plum curculio Red-banded leaf roller San Jose scale Stink bug Tarnished plant bug Tussock moth Codling moth	1/2 to 1
		American plum borer	

\*This concentration is calculated for conventional hydraulic-type sprayers. When lower volumes of spray are applied per acre with concentrate sprayers, increase the concentration of GUTHION 50% W.P. in the spray mixture in order to apply amount of GUTHION 50% W.P. per acre equivalent to a full coverage spray.

IMPORTANT: This supplemental labeling is not intended to provide full information for use of this product. Before using GUTHION 50% Wettable Powder, read and carefully observe caution statements, directions for use, restrictions and disposal information on the label.

MOBAY CHEMICAL CORPORATION  
AGRICULTURAL CHEMICALS DIVISION  
Kansas City, Missouri 64120

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U.S. LABEL

Reason to Issue: Add precautionary statement against storage near heat or open flame.

Date of Draft: 6/11/80 (Pre-Reg.) (T)

EPA Reg. No. 3125-193-AA



GUTHION

50% WETTABLE POWDER

CROP INSECTICIDE

FOR EFFECTIVE ECONOMICAL INSECT CONTROL

NET WEIGHT 2.5 POUNDS

Store in a cool dry place  
Protect from heat. Keep away from open flame. Do not heat.

ACTIVE INGREDIENT:  
O,O-Dimethyl S-[(4-oxo-1,2,3-benzotriazin-3(4H)-yl)methyl] phosphorodithioate..... 50%

INERT INGREDIENTS: ..... 50%  
100%

DANGER



POISON

KEEP OUT OF REACH OF CHILDREN  
(See side panel for antidote and danger statement.)

EPA Reg. No. 3125-193-AA

STOP - READ THE LABEL BEFORE USE

MOBAY CHEMICAL CORPORATION  
AGRICULTURAL CHEMICALS DIVISION  
Box 4913, Kansas City, Mo. 64120

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

All label text above except that double underlined is currently registered.

ACCEPTED  
OCT 21 1980  
U.S. Dept. of Agriculture  
Federal Insecticide, Fungicide, and Rodenticide Act  
Registered under  
EPA Reg. No. 3125-193

**ACCEPTED**  
FEB 9 1978  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended for the pesticide  
registration index  
EPA Reg. No. 3125-193

BEST AVAILABLE COPY

# Guthion

## 50% Wettable Powder

crop insecticide for  
effective economical  
insect control.

ACTIVE INGREDIENT:  
O,O-Dimethyl S-[(4-oxo-1,2,3-  
benzotriazin-3(4H)-yl)methyl]  
phosphorodithioate ..... 50%  
INERT INGREDIENTS: ..... 50%  
100%  
EPA Reg. No. 3125-193-AA  
EPA Est. 3125-MO-1

**Store in a cool dry place**

**STOP—Read the label before use.**

**DANGER**  **POISON**

**Keep out of reach of children**  
(See rear panel for antidote and danger statement.)

**NET WEIGHT 2.5 POUNDS**



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



## Aviso.

AL USUARIO: Si usted no puede leer o entender Ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

(TO understand until the

## Directions for use.

**FOR COMPLETE DIRECTIONS FOR USE REFER TO SUPPLEMENTAL LABELING ON BOTTOM OF THIS BAG**

**IMPORTANT:** Read these entire Directions and Conditions of Sale before using GUTHION 50% Wettable Powder.

**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. Chemagro and the seller offer, and the buyer accepts and uses, this product subject to the conditions that extraordinary or unusual weather, or failure to follow label directions, are beyond the control of Chemagro and are, therefore, the responsibility of the buyer.

DAN

Pois absorbed or on skin. Spray or stay out.

When powder clothing. A mask U.S. Bu GUTHION powder.

Do not Keep off animals the open be dangerous thorough eating clothing.

SYM "tightne pupils.

Treat

In c immed quiet. freely a (1/2 oz. does n second availat down l Profes secure contain immed If eyes water

## 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. Do not use on livestock in treated orchards or groves for 21 days after treatment. Do not treat food crops grown in the greenhouse.

This product is toxic to fish, birds and other wildlife. Keep out of lakes, streams or ponds. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on

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hasta que la etiqueta le haya sido explicada  
ampliamente.

## Directions for use.

**FOR COMPLETE DIRECTIONS FOR  
USE REFER TO SUPPLEMENTAL  
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## 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. Do not graze livestock in treated orchards or groves for 21 days after treatment. Do not treat food crops grown in the greenhouse.

This product is toxic to fish, birds and other wildlife. Keep out of lakes, streams or ponds. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this 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.

## Container disposal.

**DO NOT RE-USE THE CONTAINER.**

Completely empty the contents and bury the unused chemical at least 18 inches deep in an isolated location away from water supplies.

Burn the empty container completely. Exercise extreme caution and stay well away from the smoke.

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

until the label has been fully explained to you.)

**DANGER**  **POISON**

Poisonous if swallowed, inhaled or absorbed through the skin. Do not get in eyes or on skin. Do not breathe dust or spray mist. Spray operator should work to windward to stay out of drift or mist.

When loading spray tank, or handling the powder at any other time, wear protective clothing, natural rubber gloves and goggles. A mask or respirator recommended by the U.S. Bureau of Mines for protection against GUTHION should be worn when handling the powder.

Do not contaminate feed or foodstuffs. Keep out of reach of children and domestic animals. Keep all unprotected persons out of the operating area or vicinity where there may be danger of drift. 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 patient lie down and keep quiet. If **swallowed**, administer milk or water freely and induce vomiting by giving one dose (½ oz. 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. Professional medical assistance should be secured immediately. 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.

## To physician.

**ANTIDOTE:** Administer atropine sulfate in large therapeutic doses. Repeat as necessary to the point of tolerance. 2-PAM is also antidotal and may be administered in conjunction with atropine.

Compound inhibits cholinesterase resulting in stimulation of the central nervous system the parasympathetic nervous system and the somatic motor nerves. Do not give morphine. Watch for pulmonary edema, which may develop in serious cases of poisoning even after 12 hours. At first sign of pulmonary edema, the patient should be placed in an oxygen tent and treated symptomatically.

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



RECOMMENDED APPLICATIONS

Table with columns: CROP, INSECT, Pounds EUTHION 50%, REMARKS. Rows include Field Crops (Corn, Soybeans), Berries (Raspberries, Blackberries), and Fruit (Apples, Peaches).

Table with columns: CROP, INSECT, Pounds EUTHION 50%, REMARKS. Rows include Berries (Raspberries, Blackberries), Fruit (Apples, Peaches), and Vegetables (Cucumbers, Peppers).

RECOMMENDED APPLICATIONS

Table with columns: CROPS, INSECT, Pounds EUTHION 50%, REMARKS. Rows include Yellowed Crops (Cabbage, Broccoli), Beans, Peas, and various other vegetables.

\*The EUTHION dosage is calculated for conventional spray application. When lower volumes of spray are applied per acre with conventional sprayers, increase the concentration of EUTHION in the spray mixture in order to apply same amount of EUTHION per acre equivalent to a full coverage spray.