

DAI-10 3125-301 p. 1/14

BLD23 SPECIAL LABELING REQUIRED FOR BAGS CONTAINING PVA WATER SOLUBLE PACKETS Base Reg. (6012)

U.S. LABEL

Reason to Issue: To delete forest and shade tree uses; revise trademark statement.

Date of Draft: 10/16/86 (M)
Supersedes Draft Dated: 2/3/86

EPA Reg. No. 3125-301-AA

® GUTHION
50% WETTABLE POWDER
CROP INSECTICIDE
IN WATER SOLUBLE PACKETS

FEB 25 1987

3125-301

Only for agricultural use, or for sale to, use, and storage by commercial applicators, and other servicepersons

FOR EFFECTIVE ECONOMICAL INSECT CONTROL

Keep water soluble packets in this container and store in a cool dry place, but not below freezing (32°). Protect from heat. Keep away from open flame. Do not heat. Entire inner packets dissolve in water. After opening outer bag, drop the required unopened inner packets into spray tank as directed. Do not excessively handle water soluble packet or expose it to moisture, since this may cause leakage.

ACTIVE INGREDIENT:
O,O-Dimethyl S-[(4-oxo-1,2,3-benzotriazin-3(4H)-yl)methyl] phosphorodithioate50%

INERT INGREDIENTS: 50%
100%

EPA Reg. No. 3125-301-AA

STOP - READ THE LABEL BEFORE USE

PELIGRO
PRECAUCION AL USUARIO: Si usted no puede leer o entender inglés, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.
(TO THE USER: If you cannot read or understand English, do not use this product until the label has been fully explained to you.)

KEEP OUT OF REACH OF CHILDREN

DANGER  POISON

(See rear panel for Statements of Practical Treatment and other Precautionary Statements)

DEALERS SHOULD SELL IN ORIGINAL PACKAGES ONLY

CONTAINS 5 ONE POUND WATER SOLUBLE PACKETS
TOTAL NET CONTENTS 5 POUNDS

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

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

p. 2/14

GUTHION 50% Wettable Powder

DIRECTIONS FOR USE

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

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 AND/OR INJURY TO THE CROP TO WHICH THE PRODUCT IS APPLIED 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 OTHER CROPS, ANIMALS, MAN, OR THE ENVIRONMENT. MOBAÿ OFFERS, 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 MOBAÿ AND ARE, THEREFORE, THE RESPONSIBILITY OF THE BUYER.

MIXING: The enclosed packets containing GUTHION 50% Wettable Powder insecticide are water soluble. Do not allow packet to become wet prior to adding to the spray tank.

Do not handle with wet hands. Reseal outer bag to protect remaining packets.

To prepare the spray mixture, drop the required number of unopened packets, as determined under "Recommended Application", into the spray tank while filling with water to the desired level. Operate the agitator while mixing. Depending on the water temperature and the degree of agitation, the packets should be completely dissolved within approximately 5 minutes from the time they were added to the water.

DOSAGE: Use specified dosage of GUTHION 50% Wettable Powder in the amount of water necessary to give complete coverage of foliage. Determine the total amount of wettable powder to be added to the spray tank based on the rates under "Recommended Applications". For each one pound of wettable powder to be added to the spray tank use one 1 pound packet. For example, if it is determined that 2 pounds of GUTHION 50% Wettable Powder should be added to the spray tank, add two 1 pound packets. The type of equipment used will determine the concentration required; however, use of these packets is not recommended for making highly concentrated mixtures such as used in aircraft spraying.

PRAYING: Work to windward. Protect sprayer operators from drift or mist. 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 Experiment Station or Extension Service for specific use information in your area.

RECOMMENDED APPLICATIONS

CROP	INSECT	Pounds GUTHION 50%	REMARKS
FIELD CROPS			
Alfalfa	Leafhoppers	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.
Birdsfoot trefoil	Mites		
(East of the Mississippi River Only)	Alfalfa weevil	3/4 to 1-1/2	
	Egyptian alfalfa weevil		
	Alfalfa plant bug	1 to 1-1/2	
	Flea hopper		
	Grasshoppers		
	Lygus bugs		
(Not for use in California)	Spittlebug		

P. 3/14

GUTHION 50% Wettable Powder

RECOMMENDED APPLICATIONS (Cont'd)

CROP	INSECT	Pounds GUTHION 50%	REMARKS
<u>FIELD CROPS (Cont.)</u>			
Barley Oats Rye Wheat	Cereal leaf beetle	3/4 to 1	Apply specified dosage per acre in sufficient water for complete coverage. Do not apply more than once per season. Do not harvest for food, feed, forage or graze within 30 days of treatment.
Soybeans	Aphids Bean leaf beetle Green cloverworm Leafhoppers Leaf miners Leaf rollers Stink bugs Velvet bean caterpillar	3/4 to 1	Apply specified dosage per acre in sufficient water to give complete coverage. Repeat as necessary. Do not apply within 45 days of harvest. Do not graze or feed treated vines to livestock.
	Mexican bean beetle	1 to 1-1/2	
Tobacco	Aphids Grasshoppers Tobacco hornworm Tobacco flea beetle	1 to 1-1/2	Apply specified dosage per acre in sufficient water for complete coverage. Treat for hornworms as soon as egg masses or worms are first found. Repeat as necessary but not within 6 days of harvest. Prime before treating.
	Tobacco budworm	1-1/2	
<u>FRUIT</u>			
Apples Crab apples Pears Quinces	Aphids Apple maggot Codling moth European apple sawfly Eye-spotted bud moth Forbes scale Fruit tree leaf roller Green fruit- worm Leafhoppers Mealybug Orange tortrix Plum curculio Putnam scale Red-Banded leaf roller San Jose scale Stink bug Tarnished plant bug	1/2 to 5/8	Apply specified dosage in 100 gallons of water as a full coverage spray* using not more than 1,000 gallons of finished spray per acre. Repeat as necessary. Do not apply more than 8 times per season nor within 15 days of harvest. An alternate spray schedule may be used by making 6 applications at rates of 1/2 to 5/8 pound followed by 2 applications at the 1/2 pound rate but not within 7 days of harvest. GUTHION is compatible with dormant and summer oils which may be added to apple and pear sprays in accordance with local recommendations. Do not use oils within 30 days of sulfur or lime-sulfur treatments. GUTHION used alone may not provide satisfactory control. Consult your local agricultural advisor or extension service for recommendations.

p. 4/14

GUTHION 50% Wettable Powder

RECOMMENDED APPLICATIONS (Cont'd)

CROP	INSECT		Pounds GUTHION 50%	REMARKS
Cherries (Except Calif- ornia)	Eye-spotted bud moth	Lesser peach tree borer	1/2 to 1	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 15 days of harvest. *GUTHION used alone may not provide satisfactory control. Consult your local agricul- tural advisor or extension service for recommendations.
	Forbes scale	Mites		
	Fruit flies	Plum cur- culio	1/2	
	Fruit tree leaf roller	San Jose Scale		
	Cherry leaf miner			
	Mineola moth			
Apricots Nectar- ines Peaches	Aphids	Platynota flavedana	1/2 to 5/8	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, within 21 days of harvest for apricots, nec- tarines, 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 midseason. For control of peach tree borer, apply 2 or 3 sprays to trunk from ground to scaf- fold limbs, timed with moth flight. For scale control, apply when crawlers are present. GUTHION 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. (Continued)
	Cottony peach scale	leaf roller		
	European fruit lecanium scale	Plum curculio	1/2 to 3/4	
	Forbes scale	Redbanded leaf roller		
	Lesser peach tree borer	San Jose scale	1/2 to 5/8	
	Mites	Stink bug		
	Peach tree borer	Tarnished plant bug	1/2 to 3/4	
		Terrapin scale		
Nectar- ines	Walnut scale		1/2 to 5/8	
	White peach scale			
	Oriental fruit moth			
	Peach twig borer			
	Thrips		1/2 to 1	
Plums Prunes	Aphids	Peach twig borer	1/2 to 1	
	Codling moth			
	Eyespotted bud moth	Plum curculio	1/2 to 1	
	Forbes scale	Redbanded leaf roller		
	Fruit tree leaf roller	San Jose scale	1/2 to 1	
	Lesser peach tree borer	Stink bug		
	Mites	Tarnished plant bug	1/2 to 1	
	Orange tortrix	Tussock moth		
	Peach tree borer			

p. 5/14

GUTHION 50% Wettable Powder

RECOMMENDED APPLICATIONS (Cont'd)

CROP (Cont'd)	INSECT	Pounds GUTHION 50%	REMARKS
Plums Prunes	American plum borer	1	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. /GUTHION used alone may not provide satisfactory control. Consult your local agricultural advisor or extension service for recommendations.
Black-berries Boysen-berries Logan-berries Rasp-berries	Leafhoppers		Apply specified dosage per acre to foliage using approximately 200 gallons of water for good coverage. Repeat as necessary but not within 14 days of harvest.
	Leaf rollers	1/2	
	Leaf miners	5/8	
	Aphids	5/8 to 1	
	Obscure root weevil	1	
	Raspberry crown (root) borer	2 to 4	For control of root weevils and borers prior to harvest apply specified dosage per acre to lower portion of canes and to the soil beneath the plants using approximately 200 gallons of water. Do not apply more than twice per season. Do not make applications within 3 days of harvest at rates up to 2 pounds per acre. Rates above 2 pounds per acre should be applied only before fruit set or after crop is harvested.
	Obscure root weevil	1	
Blue-berries (Eastern and North Central States only)	Blueberry maggot Fruitworms Lecanium scale Plum curculio	1 to 1-1/2	Apply specified dosage per acre using approximately 200 gallons of water for good coverage. Repeat as necessary but not more than 4 times per season nor within 3 days of harvest. If multiple late season applications of dust formulations of GUTHION are to be made for blueberry maggot control, then do not make more than two spray applications of GUTHION per season with the last spray no later than June 1st.

p. 6/14

GUTHION 50% Wettable Powder

RECOMMENDED APPLICATIONS
(Continued)

CROP	INSECT	Pounds GUTHION 50%	REMARKS
FRUIT (Cont'd)			
Cran- berries	Cranberry fruitworm <u>Sparganothis</u> <u>sulfureana</u> Tipworm	1 to 2	Apply specified dosage per acre using approximately 200 gallons of water for good coverage. Repeat as necessary. Do not apply within 21 days of harvest.
	Fireworms	2	
Citrus Fruits	Aphids Black scale Brown soft scale Chaff scale Citricola scale Citrus mealybug Citrus rust mite Citrus thrips Cottony-cushion scale European brown snail Florida red scale Fruit tree leaf rollers Fuller rose beetle Glover scale Orange tortrix Purple scale Snow scale Western tussock moth Whiteflies	1/2 to 3/4	Apply specified dosage in 100 gallons of water as a full coverage spray* using not more than 2000 gallons of finished spray per acre. A single application per year may be applied up to within 7 days of picking. Where 2 applications are required, the second spray should not be applied within 28 days of harvest. Do not apply more than twice per fruit year. Do not pick fruit or do other work involving contact with the tree, such as pruning, within 7 days of treatment.
	California red scale Texas citrus mite Yellow scale	3/4	
Grapes	Grape berry moth Grape bud beetle (Except California) Grape cane girdlers Grape mealybug Leafhoppers Mites Red-banded leaf roller Thrips	1/2 to 1	Apply specified dosage in 100 gallons of water as a full coverage spray* using not more than 300 gallons of finished spray per acre. Repeat as necessary but not more than 3 times per season. Minimum dosage specified may be applied up to harvest. Higher rates up to 3/4 pound require a 10-day interval to harvest and above 3/4 pound a 28-day interval to harvest.
Straw- berries	Aphids Meadow spittlebug Oblique-banded leaf roller Obscure root weevil Omnivorous leaf tier Pea leaf weevil Small black (grass) weevil Strawberry leaf rollers Whitefly	1	Apply specified dosage in 200 gallons of water per acre as a full coverage spray*. Repeat as necessary. Do not apply within 5 days of harvest.

p. 2/14

GUTHION 50Z Wettable Powder

RECOMMENDED APPLICATIONS (Continued)

CROP	INSECT	GUTHION 50Z	REMARKS
<u>NUTS</u>			
Almonds	Peach twig borer	3/4 to 1	Apply specified dosage in 100 gallons of water as a full coverage spray* using not more than 500 gallons of finished spray per acre. Do not apply more than twice per season nor within 60 days of harvest. Allow 30 days between applications.
Filberts (Pacific North- west Only)	Apple mealybug Filbertworm Filbert aphid Filbert leaf roller	1/2 to 1-1/2	Apply specified dosage in 100 gallons of water as a full coverage spray* using not more than 1000 gallons of finished spray per acre. Repeat as necessary. Do not apply within 30 days of harvest. Do not graze livestock in treated groves for 21 days after treatment.
Pecans	Aphids Fall webworm Hickory shuckworm Leaf miners May beetles Mites Pecan casebearer Southern green stink bug Spittlebugs Twig girdlers Walnut caterpillars	3/4 to 1-1/8	Apply specified dosage in 100 gallons of water as a full coverage spray* using not more than 1800 gallons of finished spray per acre. Repeat as necessary. Do not apply after husks split. Where more than 11-1/4 pounds of GUTHION 50Z Wettable Powder are applied per acre in a single application do not graze livestock in treated groves. Where 11-1/4 pounds or less of GUTHION 50Z WP are applied per acre, livestock may be grazed in treated groves after a 21-day post-treatment interval.
Walnuts	Codling moth Filbertworm Navel orangeworm	3/4 to 1-7/8	Apply specified dosage in 100 gallons of water as a full coverage spray* using not more than 1100 gallons of finished spray per acre. Repeat as necessary. Do not apply after husks split. Do not graze livestock in treated groves for 21 days after treatment.

RECOMMENDED APPLICATIONS (Cont'd)

CROP	INSECT	Pounds GUTHION 50%	REMARKS
<u>VEGETABLES</u>			
Artichokes	Plume moth	3	Apply specified dosage per acre in sufficient water for complete coverage. Repeat as necessary. Do not apply within 30 days of harvest. Do not feed or ensile treated forage.
Beans (Dry & Snap)	Leaf rollers	1/2 to 1	Apply specified dosage per acre in sufficient water for complete coverage. Repeat as necessary. Do not apply to snap beans within 7 days of harvest nor to dry beans within 30 days of harvest. Do not exceed 4 applications on dry beans. Do not feed or ensile treated forage.
	Mites		
	Aphids Bean leaf beetle Green cloverworm Leafhoppers Leaf miners Stink bugs Velvet bean caterpillar	3/4 to 1	
	Mexican bean beetle Spotted cucumber beetle Striped cucumber beetle Tarnished plant bug Western-striped cucumber beetle	1	
Broccoli Brussels Sprouts Cabbage (Includes tight heading varieties of Chinese cabbage) Cauliflower	Aphids Cabbage looper Diamondback moth Imported cabbageworm	1 to 1 1/2	Apply specified dosage per acre in sufficient water for complete coverage. Repeat as necessary. Do not apply within 7 days of harvest for Brussels sprouts, 15 days of harvest for broccoli and cauliflower, nor within 21 days of harvest for cabbage.
	Cabbage maggot	1/4 to 3/8	Mix specified dosage in 50 gallons of water. Apply 4 to 6 ounces of this emulsion per plant at or immediately after transplanting.
	Cabbage maggot (Direct seeded fields in California only)	1 1/2	Apply specified dosage per acre in sufficient water for uniform distribution. Mix in upper 2 inches of soil prior to seeding or spray in the seed row at planting time. Usually 2 to 3 additional sprays are necessary during the growing season, depending on time of year and maggot population. Do not apply within 21 days of harvest.
	Cabbage maggot (Transplant fields in California only)	1 1/2	Apply specified dosage in 300 to 400 gallons of water per acre as a soil drench in rows when damage first appears. Additional applications may be necessary. Do not apply within 21 days of harvest.
Celery	Aphids Leaf miners Leafhoppers Spittlebug Tarnished plant bug	1	Apply specified dosage in 100 gallons of water as a full coverage spray* using not more than 200 gallons of finished spray per acre. Repeat as necessary but not within 14 days of harvest.

100 9/14

GUTHION 50% Wettable Powder

RECOMMENDED APPLICATIONS (Cont'd)

CROP	INSECT	Pounds GUTHION 50%	REMARKS
VEGETABLES (Cont'd)			
Blackeyed peas (South- ern peas, Crowder peas)	Corn earworm Cowpea curculio	1 1/2 to 2	Apply specified dosage per acre in suf- ficient water for complete coverage. Do not apply more than 4 times per season nor within 7 days of harvest. Do not use vines for feed or forage nor pasture treated areas.
	Leaf miners Stink bugs	3/4 to 1	
Cucumbers	Spotted cucumber beetle Striped cucumber beetle Western-striped cucumber beetle	1	Apply specified dosage per acre in sufficient water for complete cover- age. Do not apply more than 3 times per season nor within 1 day of harvest.
Eggplant	Leaf miners	3/4 to 1	Apply specified dosage per acre in sufficient water to give complete coverage. Repeat as necessary. Do not apply after fruit set.
	European corn borer Flea beetles	1	
Onions (Green & Dry)	Thrips	1 to 1 1/2	Apply specified dosage per acre in sufficient water to give complete coverage. Do not apply more than 3 times per season nor within 28 days of harvest of dry onions or 7 days of harvest of green onions.
Peppers	Leaf miners	3/4 to 1	Apply specified dosage per acre in sufficient water to give complete coverage. A maximum of 4 treatments may be made up to within 3 days of harvest. Where more than 4 appli- cations are required, do not apply last spray within 14 days of harvest.
	European corn borer Flea beetles	1	
Potatoes	Colorado potato beetle	3/4	Apply specified dosage per acre in sufficient water for complete cover- age. Repeat as necessary. Do not apply within 7 days of harvest.
	Banded cucumber beetle Leaf miners	3/4 to 1	
	European corn borer Flea beetle Leafhoppers Spittlebugs Tarnished plant bug	1 to 1 1/2	
	Tuberworm	1 1/8 to 1 1/2	
	Spinach	Aphids Leaf miners Mites	

RECOMMENDED APPLICATIONS (Cont'd)

RECOMMENDED APPLICATIONS (Cont'd)				
CROP	INSECT	Pounds GUTHION 50%	REMARKS	
VEGETABLES (Cont'd)				
Tomatoes	Colorado potato beetle	3/4	Apply specified dosage per acre in sufficient water for complete coverage. Repeat as necessary. The high rates should be used where heavy infestations of late instar lepidopterous larvae (large worms) and pinworms are present. Rates of 1 1/2 pounds per acre or less may be applied up to day of harvest. Rates above 1 1/2 pounds per acre require an interval of 14 days between application and harvest.	
	Banded cucumber beetle <u>Drosophila</u> Green stink bug Leaf miners Whitefly	3/4 to 1		
	Aphids European corn borer Flea beetles Grasshoppers Leafhoppers Thrips	1 to 1 1/2		
	Tuberworm	1 1/8 to 1 1/2		
	Corn earworm Fruitworm Hornworm Pinworm Yellow-striped armyworm	1 1/2 to 3		
MELONS				
Honeydew Melons Muskmelon (Cantaloupe) Watermelons Other melons	Leafhoppers Leaf miners	3/4 to 1	Apply specified dosage per acre in sufficient water to give complete coverage. Repeat as necessary up to the day of harvest but not more than 4 times per season.	
	Rindworms Spotted cucumber beetle Striped cucumber beetle Western-striped cucumber beetle	1		
ORNAMENTALS				
Ornamentals, Nursery Plants	Aphids <u>Cerococcus</u> scale Euonymus scale Juniper scale Lace bugs Leafhoppers Mites Olive scale Oystershell scale <u>Pulvinaria</u> 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 pten leaf, brown soft, European elm, and Putnam scales, use 4 level teaspoonfuls per gallon. Repeat as necessary.	
	Brown soft scale Putnam scale	2		
	Black pine leaf scale European elm scale	1 1/2 to 2		
		Cone midge Cone moth	4 to 8	Apply specified dosage per 100 gallons of water. Time applications to coincide with moth flight when cones are open for pollination. Thorough coverage of cones is necessary for maximum control. Repeat as necessary.

11/14

GUTHION 50% Wettable Powder

RECOMMENDED APPLICATIONS (Continued)

CROP	INSECT	Pounds GUTHION 50%	REMARKS
ORNAMENTALS (Cont'd)			
Orna- mentals, Nursery Plants	European pine shoot moth Nantucket pine tip moth	3/4 to 1 1/2	Apply specified dosage per acre in sufficient water for good coverage Time applications to coincide with moth flights. For application to individual trees use 1 level tablespoonful of GUTHION 50% Wettable Powder per gallon of water.
(Continued)	Do not allow children or pets on treated area until material has been washed into soil and treated area is dry.		
Slash Pine	Coneworm Seedworm	3	Apply specified dosage per 100 gallons of water. Thorough cov- erage of cones is necessary for maximum control. Repeat as nec- essary.

*This concentration is calculated for conventional hydraulictype 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.

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.

RE-ENTRY STATEMENTS FOR FARMWORKERS

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons. Do not enter treated areas without protective clothing until 24 hours after treatment. Because certain states may require more restrictive reentry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

(The following may appear on Supplemental Labeling accompanying the product)
Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. Oral warnings should include those statements found under the label heading "Precautionary Statements" and "Re-entry Statements" included on this label. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information: DANGER, area treated with GUTHION 50% Wettable Powder on (date of application). Do not enter without appropriate protective clothing until 24 hours after treatment. 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. If swallowed, vomiting should be induced. (See Precautionary Statements on label).

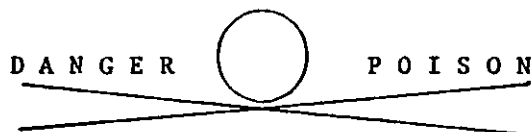
12/14

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.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS



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

When loading spray tank, wear protective clothing, natural rubber gloves and goggles.

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.

STATEMENTS OF PRACTICAL TREATMENT

In case of poisoning, call a physician immediately. Have patient lie down and keep quiet. If swallowed, vomiting should be induced. Administer water freely and induce vomiting by giving one dose (1/2 oz. or 15 ml.) of syrup of ipecac. If vomiting does not occur within 10 to 20 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. 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.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds, and other wildlife. Keep out of lakes, streams, or ponds, tidal marshes, and estuaries. 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.

STORAGE AND DISPOSAL

Pesticide Disposal: Do not contaminate water, food or feed by storage or disposal.

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container Disposal: Do not use container in connection with food, feed, or drinking water. Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Do not store below freezing (32°F). Exposure to moisture or excessive handling of water soluble packets may cause breakage. Store packets in original container and out of the reach of children, preferably in a locked storage area.

Handle and open container in a manner as to prevent spillage. If the container is leaking or material spilled for any reason or cause, carefully sweep material into a pile. Refer to Precautionary Statements on label for hazards associated with the handling of this material. Do not walk through spilled material. Dispose of pesticide as directed above. In spill or leak incidents, keep unauthorized people away. You may contact the Mobay Emergency Response Team for decontamination procedures or any other assistance that may be necessary. The Mobay Kansas City Emergency Response Telephone No. is 816-242-2582, or contact Chemtrec at 800-424-9300.

GUTHION is a Reg. TM of Bayer AG, Leverkusen.

p. 14/11

LABELING FOR ONE POUND PVA PACKETR_{GUTHION}

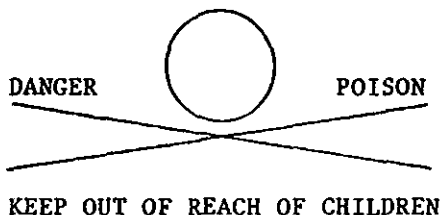
50% Wettable Powder

CROP INSECTICIDE

ACTIVE INGREDIENT:

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

EPA Reg. No. 3125-301-AA



(See Outer Package for Complete Use and Handling
Directions and Precautions Including Antidote Statement)

NET WT. ONE POUND