

BLD21

Base Reg. (6013)

U.S. LABEL

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

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

EPA Reg. No. 3125-193

[®]GUTHION

50Z WETTABLE POWDER
CROP INSECTICIDE

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

FOR EFFECTIVE ECONOMICAL INSECT CONTROL

NET WEIGHT 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 50Z

INERT INGREDIENTS: 50Z
100Z

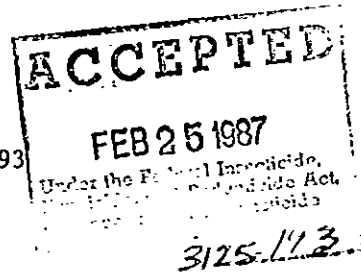
KEEP OUT OF REACH OF CHILDREN

~~DANGER~~



~~POISON~~

EPA Reg. No. 3125-193



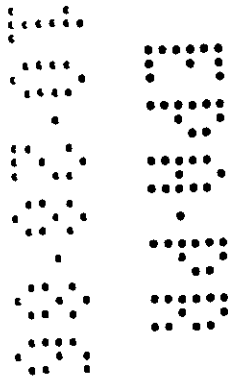
(See Rear Panel for Statements of Practical Treatment and Additional Precautionary Statements)

STOP - READ THE LABEL BEFORE USE

FELIGRO

PRECAUTION 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.)



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

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

GUTHION 50Z 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 50Z 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. MOBAY 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 MOBAY AND ARE, THEREFORE, THE RESPONSIBILITY OF THE BUYER.

MIXING: GUTHION 50Z Wettable Powder insecticide mixes easily with water to form a suspension which is readily usable in all conventional ground spray equipment. Mix the required amount of GUTHION 50Z Wettable Powder with a small quantity of water. Add this premix through the screen while filling the spray tank or fill the tank to the required level and add the premix. Operate the agitator while mixing.

DOSAGE: Use specified dosage of GUTHION 50Z Wettable Powder in the amount of water necessary to give complete coverage of foliage. The type of equipment used will determine the concentration required.

SPRAYING: 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 50Z W.P.	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 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.
Clover	Mites		
(Including mixed stands with grasses, States east of the Mississippi River only)	Alfalfa weevil Egyptian alfalfa weevil	3/4 to 1-1/2	
(East of the Mississippi River only)	Alfalfa plant bug Flea hopper Grasshoppers Lygus bugs Spittlebug	1 to 1-1/2	

GUTHION 50% Wettable Powder

RECOMMENDED APPLICATIONS (Cont'd)

CROP	INSECT	Pounds		REMARKS
		GUTHION 50% W.P.		
FIELD CROPS (Cont'd)				
Pasture Grasses (States east of the Mississippi 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.
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		
FRUIT				
Apples Crab apples Pears Quinces	Aphids Apple maggot Codling moth European apple sawfly Eye-spotted bud moth Forbes scale Fruit tree leaf roller Green fruitworm 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 50% Wettable Powder 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-sulphur treatments. GUTHION used alone may not provide satisfactory control. Consult your local agricultural advisor or extension service for recommendations.

GUTHION 50% Wettable Powder

RECOMMENDED APPLICATIONS (Cont'd)

CROP	INSECT	Pounds GUTHION 50% W.P.	REMARKS
<u>FRUIT</u> (Cont'd)			
Apples Crab apples Pears Quinces (Cont'd)		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 nor 3 times at rates above 2 pounds. Do not apply within 7 days of harvest.
Cherries (Except Cali- fornia)	Eye-spotted bud moth Forbes scale Fruit flies Fruit tree leaf roller Lesser peach tree borer Mites Plum curculio San Jose scale/	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.
	Cherry leaf miner Mineola moth	1/2	/GUTHION used alone may not provide satisfactory control. Consult your local agricultural advisor or extension service for recommendations.
Apricots Nectar- ines Peaches	Aphids Cottony peach scale European fruit lecanium Forbes scale Lesser peach tree borer Mites Peach tree borer Platynota flavedana leaf roller Plum curculio Red-banded leaf roller San Jose scale/	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, 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.
	Stink bug Tarnished plant bug Terrapin scale Walnut scale White peach scale Oriental fruit moth Peach twig borer	1/2 to 3/4	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.
Nectar- ines	Thrips	1/2 to 5/8	(Remarks Continued)
Plums Prunes	Aphids Codling moth Eye-spotted bud moth Forbes scale Fruit tree leaf roller Lesser peach tree borer Peach twig borer Plum curculio Red-banded leaf roller San Jose scale/	1/2 to 1	
	Stink bug Tarnished plant bug		

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RECOMMENDED APPLICATIONS (Cont'd)

CROP	INSECT	Pounds GUTHION 50% W.P.	REMARKS
FRUIT (Cont'd)			
Plums Prunes (Cont'd)	Mites Tussock moth Orange tortrix Peach tree borer	1/2 to 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.
	American plum borer	1	
Black-berries Boysen-berries Logan-berries Rasp-berries	Leafhoppers	1/2	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. 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.
	Leaf rollers		
	Leaf miners		
	Aphids	5/8 to 1	
	Obscure root weevil	1	
	Raspberry crown (root) borer	2 to 4	
	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 15.
Cran-berries	Cranberry fruitworm <u>Sparganothis 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	

RECOMMENDED APPLICATIONS (Cont'd)

CROP	INSECT	Pounds GUTHION 50% W.P.	REMARKS
FRUIT (Cont'd)			
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 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.

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RECOMMENDED APPLICATIONS (Cont'd)

CROP	INSECT	Pounds GUTHION 50% W.P.	REMARKS
<u>FRUIT (Cont'd)</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 50% 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 50% 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.

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RECOMMENDED APPLICATIONS (Cont'd)

CROP	INSECT	Pounds GUTHION 50% W.P.	REMARKS
VEGETABLES			
Arti- chokes	Plum 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 Mites	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.
	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 vari- eties of Chinese cabbage) Cauli- flower	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 populations. Do not apply within 21 days of harvest.

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RECOMMENDED APPLICATIONS (Cont'd)

CROP	INSECT	Pounds GUTHION 50% W.P.	REMARKS
VEGETABLES (Cont'd)			
Broccoli Brussels Sprouts Cabbage (Includes right heading varieties of Chinese cabbage) Cauli- flower (Cont'd)	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.
Black- eyed peas (South- ern peas, Crowder peas)	Corn earworm Cowpea curculio	1-1/2 to 2	Apply specified dosage per acre in sufficient 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 Wester-striped cucumber beetle	1	Apply specified dosage per acre in sufficient water for complete coverage. 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.

RECOMMENDED APPLICATIONS (Cont'd)

CROP	INSECT	Pounds GUTHION 50% W.P.	REMARKS	
VEGETABLES (Cont'd)				
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 applications 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 coverage. Repeat as necessary. Do not apply within 7 days of harvest.	
	Banded cucumber beetle	3/4 to 1		
	Leaf miners			
	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 Aphids	3/4 to 1	Apply specified dosage per acre in sufficient water for complete coverage. Repeat as necessary. Do not apply within 14 days of harvest.	
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 Drosophila 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		
	Leafhoppers Leaf miners	3/4 to 1		
	Honeydew Melons Muskmelon (Cantaloupe) Water- melons Other melons	Pinworms Spotted cucumber beetle Striped cucumber beetle Western-striped cucumber beetle		1

RECOMMENDED APPLICATIONS (Cont'd)

CROP	INSECT	Pounds GUTHION 50% W.P.	REMARKS
ORNAMENTALS			
Orna- mentals, Nursery Plants	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	
	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.
	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.
	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

* 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.

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).

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

D A N G E R  P O I S O N

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. For protection against GUTHION, when handling the powder, wear a pesticide mask or respirator jointly approved by the Mining Enforcement and Safety Administration (formerly the U.S. Bureau of Mines) and by the National Institute for Occupational Safety and Health under the provisions of 30 CFR Part 11.

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. 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. Store in original container and out of the reach of children, preferably in a locked storage area.

