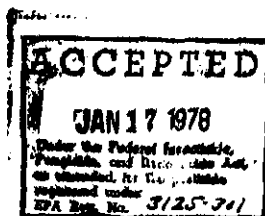


3125-301

1-17-1978

1/6



FOR EASY OPENING, CUT ALONG THIS LINE

Guthion

50% Wettable Powder
crop insecticide in
water soluble packets
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. 3125-301-AA
EPA Est. 3125-MO-1

Keep water soluble packets in this container
and store in a cool dry place, but not below
freezing (32° F).

DANGER  **POISON**

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

Dealers should sell in original packages only.
Contains ten 8-ounce water soluble packets.

NET WEIGHT 5 POUNDS



Chemagro Agricultural Division

50% Wettable Powder Crop Insecticide



Aviso.

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.)

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.

Restrictions

Do not use on 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, 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 plants. 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.

DANGER  **POISON**

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.

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. ~~Administer one dose of 2-PAM or atropine syrup or 2-PAM and atropine does not occur within 30 minutes. Administer second dose if syrup of atropine 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.

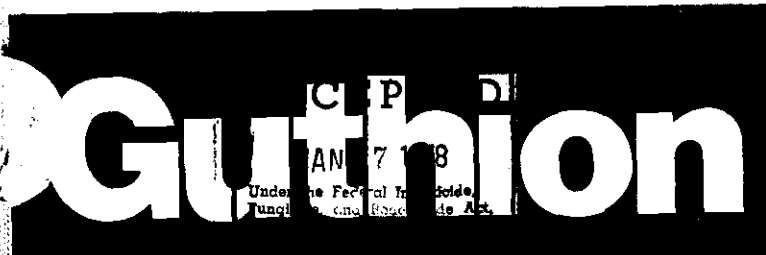
To physician.

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 Farbwerke/Industrie Bayer GmbH, Leverkusen.

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**50% Wettable Powder crop Insecticide
in water soluble packets for effective
economical insect control.**

AVISO. 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 water soluble packets in this container and store in a cool dry place, but not below freezing (32° F)

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. 3125-301-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 back side for antidote and danger statements.)

Dealers should sell in original packages only.

Contains ten 8-ounce water soluble packets.

TOTAL NET CONTENTS 5 POUNDS



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

DIRECTIONS FOR USE

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.

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 de-

termined 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.

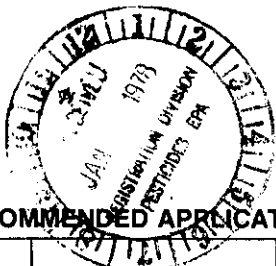
DOSAGE

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 ½ pound (8 ounces) of wettable powder to be added to the spray tank use one 8-ounce packet. For example, if it is determined that 2 pounds (32 ounces) of GUTHION 50% Wettable Powder should be added to the spray tank, add four 8-ounce 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.

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% W.P.	REMARKS
FIELD CROPS			
Barley Oats Rye Wheat	Cereal leaf beetle	¼ 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	¼ 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 1½	
Tobacco	Aphids Grasshoppers Tobacco hornworm Tobacco flea beetle	1 to 1½	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	1½	



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RECOMMENDED APPLICATIONS

CROP	INSECT	Pounds GUTHION 50% W.P.	REMARKS
FRUIT	Aphids Apple maggot Codling moth European apple sawfly Eye-spotted bud moth Forbes scale Fruit tree leaf roller Green fruit-worm Leafhoppers	Mealybug Mites Orange tortrix Pear psylla Plum curculio Putnam scale Red-Banded leaf roller San Jose scale Stink bug Tarnished plant bug	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 3/4 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.
	Apples Crab apples Pears Quinces	1/2 to 3/4	
Cherries	Eye-spotted bud moth Forbes scale Fruit flies leaf roller	Lesser peach tree borer Mites Plum curculio San Jose 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 15 days of harvest.
	Cherry leaf miner Mineola moth	1/2	
Apricots Nectarines Peaches	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 1/2-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.
	Oriental fruit moth Peach twig borer	1/2 to 3/4	
Nectarines	Thrips	1/2 to 3/4	
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	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.
	American plum borer	1	
Black-berries Boysen-berries Logan-berries Rasp-berries	Leafhoppers Leaf miners	1/2 3/4	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.
	Aphids Obscure root weevil	3/4 to 1 1	
Blue-berries (Eastern and North Central States only)	Raspberry crown (root) borer Obscure root weevil	2 to 4 1	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.
	Blueberry maggot Fruitworms Lecanium scale Plum curculio	1 to 1 1/2	
Cran-berries	Cranberry fruitworm Sparganothis sulfureana 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 thrips Cottony-oushion scale European brown anail Florida red scale Fruit tree leaf rollers Fuller rose beetle Glover scale Orange tortrix Purple scale Snow scale Western tussock moth Whiterflies	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 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.

RECOMMENDED APPLICATIONS

CROP	INSECT	Pounds GUTHION 50% W.P.	REMARKS
Strawberries	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.
NUTS			
Almonds	Peach twig borer	¾ 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 Northwest Only)	Apple mealybug Filbertworm Filbert aphid Filbert leaf roller	½ to 1½	Apply specified dosage in 100 gallons of water as 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	¾ to 1½	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 11¼ pounds of GUTHION 50% Wettable Powder are applied per acre in a single application do not graze livestock in treated groves. Where 11¼ pounds or less of GUTHION 50% W.P. are applied per acre, livestock may be grazed in treated groves after a 21-day post-treatment interval.
Walnuts	Aphids Codling moth European red mite Filbertworm Navel orangeworm	¾ to 1½	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.
VEGETABLES			
Artichokes	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	½ 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	¾ to 1	
	Mexican bean beetle Spotted cucumber beetle Striped cucumber beetle Tarnished plant bug Western-striped cucumber beetle	1	
Broccoli Brussels Sprouts Cabbage Cauliflower	Aphids Cabbage looper Diamondback moth Imported cabbageworm	1 to 1½	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	¾ to ¾	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)	1½	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)	1½	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.
Blackeyed peas (Southern peas, Crowder peas)	Corn earworm Cowpea curculio	1½ 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.
Cucumbers	Spotted cucumber beetle Striped cucumber beetle Western-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	¾ 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 1½	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	¾ 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	¾	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 Leaf miners	¾ to 1	
	European corn borer Flea beetle Leafhoppers Spittlebugs Tarnished plant bug	1 to 1½	
	Tuberworm	1½ to 1½	
Spinach	Aphids Leaf miners Mites	¾ to 1	Apply specified dosage per acre in sufficient water for complete coverage. Repeat as necessary. Do not apply within 14 days of harvest.

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RECOMMENDED APPLICATIONS

CROP	INSECT	Pounds GUTHION 50% W.P.	REMARKS
Tomatoes	Colorado potato beetle	¾	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 1½ pounds per acre or less may be applied up to day of harvest. Rates above 1½ pounds per acre require an interval of 14 days between application and harvest.
	Banded cucumber beetle <i>Diuraphis</i> Green stink bug Leaf miners Whitefly	¾ to 1	
	Aphids European corn borer Flea beetles Grasshoppers Leafhoppers Thrips	1 to 1½	
	Tubeworm	1½ to 1½	
	Corn earworm Fruitworm Hornworm Pinworm Yellow-striped armyworm	1½ to 3	
MELONS	Leafhoppers Leaf miners	¾ 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.
Honeydew melons Muskmelon (Cantaloupe) Water-melons Other melons	Ringworms Spotted cucumber beetle Striped cucumber beetle Western-striped cucumber beetle	1	
ORNAMENTALS	Aphids Coccinellid scale Euonymus scale Juniper scale Lace bugs Leafhoppers Mites Olive scale Oystershell scale Pulvinaria scale Thrips	¾ to 1	Apply specified dosage per 100 gallons of water (2 level teaspoons 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 teaspoons per gallon. Repeat as necessary.
Ornamentals, Nursery Plants, Forest & Shade Trees	Brown soft scale Putnam scale	2	
	Black pine leaf scale European elm scale	1½ 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	¾ to 1½	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	Cane worm Seed worm	3	Apply specified dosage per 100 gallons of water. Thorough coverage of cones is necessary for maximum control. Repeat as necessary.

*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.

This product is toxic to fish, birds, and other wildlife. Keep out of lakes, streams, 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.

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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.

DANGER POISON



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.

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.