The 12 2120 25 P. 1/12, BLD21 Base Reg. (6015) U.S. LABEL-(S) Date of Draft: 10/16/86 (M) Reason to Issue: To delete forest and shade tree uses; revise Corporate Supersedes Draft Dated: 10/25/82 name and trademark acknowledgement statement. EPA Reg. No. 3125-25 RUTHION **25% WETTABLE POWDER** CROP INSECTICIDE FOR EFFECTIVE ECONOMICAL INSECT CONTROL ACTIVE INGREDIENT: NET WEIGHT 5 POUNDS 0,0-Dimethyl S- 4-oxo-1,2,3-benzotriazin -3(4H)-ylmethyl phosphorodithioate.... 25% Store in a cool dry place INERT INGREDIENTS:..... 75% 1002 DANGER POISON

EPA Reg. No. 3125-25

TE3 2 5 1237 3125-25

Precautionary Statements)

KEEF OUT OF REACH OF CHILDREN

(See rear panel for Statements of Practical Treatment and Additional

STOP - READ THE LABEL BEFORE USE

	AGRICULTURY .	CC PORATION CHEMICALS DIVISION City, Missouri 64120	· · · · · · · · · · · · · · · · · · ·		
Note:	Underlined letters in chemical not underlined.	nomenclature should be italicized	d whe	≥n p	orinted;

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#### GUTHION 25% WP

#### DIRECTIONS FOR USE

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

IMPORTANT: Read these entire Directions and Conditions of Sale before using GUTHION 25% 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. IN-SUFFICIENT CONTROL OF PESTS MAY RESULT FROM THE OCCURRENCE OF EXTRAORDINARY OR UNUSUAL WEATHER, OR FROM FAILURE TO FOLLOW LABEL DIRECTIONS. IN ADDITION, FAILURE TO FOLLOW LABEL DIRECTIONS MAY CAUSE INJURY TO THE CROP TO WHICH THE PRODUCT IS APPLIED, OTHER CROPS, ANIMALS, MAN, OR THE ENVIRONMENT. MOBAY AND THE SELLER OFFER, AND THE BUYER ACCEPTS AND USES, THIS PRODUCT 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 THF BUYER.

MIXING: GUTHION Wettble Powder mixes easily with water to form a suspension which is readily usable in all conventional ground spray equipment. Mix the required amount of GUTHION 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 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.

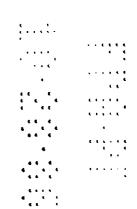
			Pounds	
	CROP	INSECT	GUTHION 25%	REMARKS
	FIELD CROPS	Leafhoppers	1 to 2	Apply specified dosage per acre using a minimum of 10 gallons of
	Alfalfa	Mites		water per acre. It may be neces-
	Clover (Includ+ ing mixed	Alfalfa weevil Egyptian alfalfa weevil	1-1/2 to 3	sary to use 20 to 25 gallons of water per acre on heavy growth for control of alfalfa weevil or Egyp-
• •	with grasses,	Alfalfa plant bug Fleahoppers	2 to 3	tian alfalfa weevil with ground equipment. Do not apply within 14 days of harvest or grazing at the
• • • • • • • • • • • • • • • • • • •	States east of the Missis-	Grasshoppers Lygus bugs Spittlebug		rates of 1 to 1-1/2 pounds per acre or within 16 days at the rate of 2 pounds per acre. Do not apply rates above 2 pounds per acre within 21
۰ د <sup>۲</sup> د د ۰ د	sippi River;			days of harvest or grazing. Do not apply more than once per cutting at any rate.

# RECOMMENDED GUTHION APPLICATIONS

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		Pounds	
CROP	INSECT	GUTHION 25%	REMARKS
FIELD CROPS	(Cont'd)		
Barley Oats Rye Wheat	Cereal leaf beetle	1 1/2 to 2	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.
Pasture Grasses (States east of the Missis- sippi River)	Grasshoppers Meadow spittle- bugs (adult)	2 to 3	Apply specified dosage per acre using a minimum of 10 galions of water per acre. Do not apply more than once per cutting. Do not graze or harvest within 16 days of application at the 2 pound rate or 21 days at rates above 2 pounds.
Soybeans	Aphids Bean leaf beetle Green clover- worm Leafhoppers Leaf miners Leaf rollers Stink bugs Velvet bean caterpillar Mexican bean	1 1/2 to 2	Apply specified dosage per acre in sufficient water to give com- plete coverage. Repeat as neces- sary. Do not apply within 45 days of harvest. Do not graze or feed treated vinc; to livestock.
Tobacco	beetle Aphids Grasshoppers Tobacco hornworm Tobacco flea beetle	2 to 3 2 to 3	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
	Tobacco budworm	3	but r.t within 6 days of harvest. Prime before treating.

# **KECOMMENDED GUTHION APPLICATIONS (Continued)**



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# RECOMMENDED GUTHION APPLICATIONS (Continued)

	· · · · ·		Pounds	
CROP	INSECT		GUTHION 25%	REMARKS (
FRUIT				Apply specified dosage in 100
· 1	Aphids	Mealybug	1 to 1-1/4	gallons of water as a full
Aprles	Apple maggot	Mites		coverage spray* using not more
Crab	Codling moth	Orange tortrix	Ì	than 1000 gallons of finished
apples	European apple	Pear psylla		spray per acre. Repeat as
Pears	sawfly	Plum curculio		necessary. Do not apply more
Quinces	Eye-spotted	Putnam scale		than 8 times per season nor
<b>\</b>	bud moth	Red-banded		within 15 days of harvest. An
	Forbes scale	leaf roller		alternate spray schedule may be
	Fruít tree	San Jose scale		used by making 6 applications
1	leaf roller	Stink bug		at rates of 1 to 1-1/4 pounds
1	Green fruit	Tarnished		followed by 2 applications
1	Worm	plant bug		at the 1 pound rate but not
{	Leafhoppers	brane oug		within 7 days of harvest. GUTHIO
	reathoppers			is compatible with dormant and
i i				summer oils which may be added
				to apple and pear sprays in
{		I		
				accordance with local recommend
				tions. Do not use oils within
1				30 days of sulfur or lime-sulfur
	Read and the state of	T		treatments.
Charmen	Eye-spotted	Lesser peach		Apply specified dosage in 100
Cherries	bug moth	tree borer		gallons of water as a full cov-
ļ	Forbes scale	Mites		erage spray* using not more than
	Fruit flies	Plum curculio	1 to 2	800 gallons of finished spray
	Fruit tree	San Jose scale	İ	per acre. Repeat as necessary
Ļ	leaf roller			Do not apply more than 8 times
	Cherry leaf min	er	.	per season nor within 15 days
	Mineola moth		1	of harvest.
	Aphids	Platynota		Apply specified dosage in 100
l	Cottony peach	flavedana	l l	gallons of water as a full
Apricots	scale	leaf roller	1	coverage spray* using not more .
Nectar-	•	Plum curculio		than 800 gallons of finished
ines	lecanium scale		1  to  1-1/4	
Peaches	Forbes scale	leaf roller		necessary. Do not apply more (
	Lesser peach	San Jose scale	[ [	than 8 times per season, with-
	tree boser	Stink bug	t i	in 21 days of harvest for
1	Mites	Tarnished	t l	apricots, nectarines, and
	Peach tree	plant bug	j J	peaches, nor within 15 days of
1	borer	Terrapin scale		harvest for plums and prunes.
		Walnut scale		Apply the 1-1/2-pound rate for
		White peach		oriental fruit moth and peach
		scale		twig borer on apricots, mectar-
f	Oriental fruit :	moth		ines and peaches only before mid-
1	Peach twig bore:		l to 1-1/2	season. For control of peach tre
Je car -	Thrips		l to 1-1/4	borer, apply 2 to 3 sprays to
ines	•		'	trunk from ground to scaffold
•				limbs, timed with moth flight.
			} 1	For scale control, apply when
Plums .	Aphids	Peach twig	<u>  </u>	crawlers are present. GUTHION
Prunes	Eye-spotted	borer	l to 2	is compatible with dormant and
	bud moth	Plum curculio		summer oils which may be added,
ļ	ART MACH	- IUM CUICUIIO	1 1	peach and prune sprays in acco
	(Continued)		1 1	ance with local recommendations.
	(concruced)			
			للــــــــــــــــــــــــــــــــــــ	(Remarks Continued)

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CROP	INSECT	Pounds GUTHION 25%	REMARKS
FRUIT (Co		GUINIUN 23%	REPARKS
Plums Prunes (Cont'd)	Forbes scale Red-banded Fruit tree leaf roller	1 to 2	Do not use oils within 30 days of sulfur or lime-sulfur treat- ments. 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.
	Leafhoppers	1	Apply specified dosage per acre
	Leaf rollers		to foliage using approximately
ŀ	Leaf miners	$\frac{1-1/4}{1-1/4}$ to 2	200 gallons of water for good
	Aphids Obscure root weevil	2	coverage. Repeat as necessary
Black-	ODSCUTE FOOL WEEVIL	<u>∠</u>	but not within 14 days of harvest. For control of root weevils and
Black- berries Boysen- berries Raspberry crown 4 to 8 Logan- (root) borer berries Rasp- berries	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 us- ing approximately 200 gallons of water. Do not apply more than twice per season. Do not make		
	Obscure root weevil	2	applications within 3 days of harvest at rates up to 4 pounds per acre. Rates above 4 pounds per acre should be applied only before fruit set or after crop is harvested.
Blue- berries (Eastern and North Central States Only)	Blueberry maggot Fruitworms Lecanium scale Plum curculio	2 to 3	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 appli- cations of GUTHION dust formula- tions are to be wade for blue- beiry maggot controls then de not make more than two GUTHION spray applications per season with the last sptay no later. than June 15.

# RECOMMENDED GUTHION APPLICATIONS (Continued)

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# RECOMMENDED GUTHION APPLICATIONS (Continued)

0000	THOROT	Pounds	DEMONIC (
CROP	INSECT	GUTHION 25Z	REMARKS
FRUIT (Co Cran- berries	Cranberry fruitworm Sparganothis sulfureana	2 to 4	Apply specified dosage per acre using approximately 200 gallons of water for good coverage.
	Tipworm		Repeat as necessary. Do not
	Fireworms	4	_apply within 21 days of harves
Citrus Fruits	Aphids Black scale Brown soft scale Chaff scale Citricola scale Citrus mealybug Citrus rust mite Citrus thrips Cottony-cushion scale European brown scale Florida red scale Fruit tree leaf roller Fuller rose beetle Glover scale Orange tortrix Purple scale Snow scale Western tussock moth Whiteflies	1 to 1-1/2	Apply specified dosage in 100 gallons of water as a full cov- erage spray* using not more than 2000 gallons of finished spray per acre. A single apple cation per year may be applied up to within 7 days of picking Where 2 applications are re- quired, the second spray should not be applied within 28 days harvest. Do not apply more that twice per fruit year. Do not pick fruit or do other work involving contact with the treas such a pruning, within 7 days of treatment.
	California red scale Texas citrus mite Yellow scale	1-1/2	
Grapes	Grape berry moth Grape cane girdlers Grape mealybug Leafhoppers Mites Red-banded leaf roller Thrips	1 to 2	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 applie up to harvest. Higher rates u to 1-1/2 pounds require a 10-d interval to harvest and above 1-1/2 pounds a 28-day interval to harvest.
Straw- betries	Aphids Meadow spittlebug Oblique-banded leaf roller Obscure root weevil Omnivorous leaf tier Pea leaf weevil Swall black (grass) weevil Strawberry leaf rollers Whitefly	2	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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GUTHION 25% WP

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RECOMMENDED. GUTHION APPLICATIONS (Continued)

		Pounds	
CROP	INSECT	GUTHION 25%	REMARKS
<u>NUTS</u> Almonds	Peach twig borer	1-1/2 to 2	Apply specified dosage in 100 gallons of water as a full cov- erage spray* using not more tha 500 gallons of finished spray per acre. Do not apply more than twice per season nor withi 60 days of harvest. Allow 30 days between applications.
Filberts (Pacific Northwest Only)	Apple mealybug Filbertworm Filbert aphid Filbert leaf roller	1 to 3	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 treat- ment.
Pecans	Aphids Fall webworm Hickory shuckworm Leaf miners May beetles Mites Pecan casebearer Southern green stink bug Spittlebugs Twig girilers Wainut caterpillars	1-1/2 to 2-1/4	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 22-1/2 pounds of GUTHION Wettab Powder are applied per acre in single application do not graze livestock in treated groves. Where 22-1/2 pounds or less of GUTHION WP 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	1-1/2 to 3-3/4	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 actor husks split. Do not graze livestock in treated groves for 21 days after treatment.

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GUTHION 25% WP

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	RECOMMENDED GUTHION A	PPLICATIONS (C	ontinued)
CROP	INSECT	GUTHION 25%	REMARKS
<u>VEGETABLES</u> Artichokes	Plume moth	6	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.
	Leaf rollers	1 to 2	····
Beans (Dry & Snap)	Mites Aphids Bean leaf beetle Green cloverworm Leafhoppers Leaf miners Stink bugs Velvet bean caterpillar	1-1/2 to 2	Apply specified dosage per acre in sufficient water for complet coverage. Repeat as necessary. Do not apply to snap beans with in 7 days of harvest nor to dry
	Mexican bean beetle Spotted cucumber beetle Striped cucumber beetle Tarnished plant bug Western-striped cucumber beetle	2	beans within 30 days of harves Do not exceed 4 applications on dry beans. Do not feed or ensile treated forage.
Broccoli Brussels	Aphids Cabbage looper Diamondback moth Imported cabbageworm	2 to 3	Apply specified dosage per acr in sufficient water for complet 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.
Sprouts Cabbage Cauliflower	Cabbage maggot	1/2 to 3/4	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 Cali- fornia only)	3	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)	3	Apply specified dosage in 300 t 400 gallons of water per acre a a soil drench in rows when dama first appears. Additional apple cations may be necessary. Do not apply within 21 days of harvest.

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	GUTH.	LON 25% WP	
	RECOMMENDED GUTHION	APPLICATIONS (Co	ontinued)
		Pounds	
CROP	INSECT	GUTHION 25%	<u>REMARKS</u>
VEGETABLES (			Apply specified dosage in 100
	Aphids		gallons of water as a full cov-
	Leaf miners	2	erage spray* using not more than
Celery	Leafhoppers		200 gallons of finished spray
	Spittlebug		per_acre. Repeat as necessary
	Tarnished plant bug		but not within 14 days of harvest.
Blackeyed	Corn earworm		Apply specified dosage per acre
peas	Cowpea curculio	3 to 4	in sufficient water for complete
(Southern	Leaf miners		coverage. Do not apply more
peas,	Stink bugs	1-1/2 to 2	than 4 times per season nor
Crowder			within 7 days of harvest. Do
peas)			not use vines for feed or forage
			nor pasture treated areas.
	Spotted cucumber		
	beetle		Apply specified dosage per acre
Cucumbers	Striped cucumber	2	in sufficient water for complete
	beetle		coverage. Do not apply more
	Wester-striped		than 3 times per season nor
	cucumber beetle		within 1 day of harvest.
	Leaf miners	1-1/2 to 2	Apply specified dosage per acre
Eggplant	European corn borer		in sufficient water to give
	Flea beetles	2	complete coverage. Repeat as
			necessary. Do not apply after
			fruit set.
··· <u></u>			Apply specified dosage ver acre
Onions	Thrips	2 to 3	in sufficient water to give
(Green			complete coverage. Do not apply
& Dry)			_more than 3 times per season nor
			within 28 days of harvest of
			dry onions or 7 days of harvest
			of green onions.
			Apply specified dosage per acre
			in sufficient water to give
	Leaf miners	1-1/2 to 2	complete coverage. A maximum of
Peppers	European corn borer		4 treatments may be made up to
	Flea beetles	2	within 3 days of harvest. Where
			more than 4 applications are
			required, do not apply last
			spray within 14 days of harvest.
	Colorado potato	1-1/2	
	beetle		
	Banded cucumber		
	beetle	1-1/2 to 2	Apply specified dosage per acre
	Leaf miners		in sufficient water for complete
	Aphids		coverage. Repeat as necessary.
Potatoes	European corn borer		Do not apply within 7 days of
-	Flea beetle	2 to 3	harvest.
	Leafhoppers		•
	Spittlebugs		
	Tarnished plant bug		1
	Tuberworm	2-1/4 to 3	1
		1 2-1/4 (0 )	<b>↓</b>

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T	RECOMMENDED GUTHION		
CROP	INSECT	Pounds GUTHION 257	REMARKS /
VEGETABLES (C	Cont'd)		
Spinach	Aphids Leaf miners Mites	1-1/2 to 2	Apply specified dosage per acre in sufficient water for complet cover≈ge. Repeat as necessary. Do not apply within 14 days of harvest.
	Colorado potato	1 1/2	
	beetle Banded cucumber beetle Drosophila Green stink bug Leaf miners Whitefly	1-1/2 to 2	Apply specified dosage per acre
Tomatoes	Aphids European corn borer Flea beetles Grasshoppers Leafhoppers Thrips	2 to 3	in sufficient water for complet coverage. Repeat as necessary. The high rates should be used where heavy infestations of la instar lepidopterous larvae (large worms) and pinworms are
Ĺ	Tuberworm	2-1/4 to 3	present. Rates of 3 pounds per
	Corn earworm Fruitworm Hornworm Pinworm Yellow-striped armyworm	3 to 6	acre or less may be applied up to day of harvest. Rates above 3 pounds per acre require an interval of 14 days between application and harvest.
MELONS			·`
Honeydew	Leafhoppers	1-1/2 to 2	
melons	Leaf miners		Apply specified dosage per acre
Muskmelons	Rindworms		in sufficient water to give
(Cantaloupe)	Spotted cucumber	2	complete coverage. Repeat as
Watermelons	beetle		necessary up to the day of
Other melons	Striped cucumber beetle Western-striped		harvest but not more than 4 times per season. (
ORNAMENTALS	cucumber beetle		
ORNAMENTALS Ornamentals, Nursecy Plancs	Aphids <u>Cerococcus</u> scale Euonymus scale Juniper scale Lace bugs Leafhoppers Mites	1-1/2 to 2	Apply specified dosage per 100 gallons of water (4 level tea- spoonfuls per gallon). Spray all foliage surfaces including the underside of leaves for
	Olive scale Oystershell scale <u>Pulvinaria</u> scale Thrips		complete coverage. For control of black pine leaf, brown soft, European elm, and Putnam scales use 3 level tablespoonfuls per
!	Brown soft scale	4	gallon. Repeat as necessary.
L L L L L L L L L L L L L L L L L L L	Putnam scale Black pine leaf		
}	scale European elm scale	3 to 4	. (

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#### GUTHION 25% WP

	RECOMMENDED GUTHION A	PLICATIONS (C	Continued)
		Pounds	
CROP	INSECT	GUTHION 25%	REMARKS
ORNAMENTALS Ornamentals Nursery	(Cont'd) Cone midge Cone moth	8 to 15	Apply specified dosage per 100 gallons of water. Time appli- cations to coincide with moth flight when cones are open for pollination. Thorough coverage of cones is necessary for maxi- mum control. Repeat as necessar
Plants (Continued)	European pine shoot moth Nantucket pine tip moth	1-1/2 to 3	Apply specified dosage per acre in sufficient water for good coverage. Time applications to coincide with moth flights. For application to individual trees use 2 level tablespoon- fuls of GUTHION 25% Wettable Powder per gallon of water.
	Do not allow children or been washed into soil and		ed area until material has is dry.
Slash Pine	Coneworm	6	Apply specified dosage per 100 gallons of water. Thorough
	Seedworm	-	coverage of cones is necessary for maximum control. Repeat as necessary.

\*This GUTHION dosage is calculated for conventional hydraulic-type sprayers. When lower volumes of spray are applied per acre with concentrate sprayers, increase the concentration of GUTHION in the spray mixture in order to apply amount of GUTHION 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.

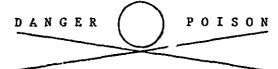
# ROTATIONAL CROPS

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 hast application. All other crops must not be planted within 30 days of last application. """

## GUTHION 25% WP

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# 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 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, ad inster 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 <u>If on skin</u>, remove contaminated clothing and wash skin immediately with soap and warm water. <u>If eyes are contaminate</u> wash with flowing water for at least 15 minutes.

# TO PHYSICIAN:

ANTIDOTE - Administer atropine sul ite in large therapeutic doses. Repeat as necessary to the point of tolerance. 2-PAM is also antidotal and may be administered in conjunction wich 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.

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### GUTHION 25% WP

#### ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds, and other wildlife. Keep out of lakes, streams, on 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: Pesticide, spray mixture, or rinse water that cannot be used according to label instructions must be disposed of according to Federal or approved state procedures under Subtitle C of the Resource Conservtion and Recovery Act.
- Container Disposal: Completely empty bag by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of bags in a sanitary landfill or by incineration if allowed by State and local authorities.

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

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

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