

7M 12 2125-63 P. 1/6

BLD21

Base Reg. (6018)

U.S. LABEL(S)

Reason to Issue: To delete use on forest and shade trees; revise Corporate name and trademark acknowledgement statement.

Date of Draft: 10/16/86 (M)
Supersedes Draft Dated: 11/19/68

EPA Reg. No. 3125-63

® GUTHION

3Z DUST

CROP INSECTICIDE

3125-63
3125-63

FOR EFFECTIVE ECONOMICAL
INSECT CONTROL

GUARANTEE

NET WEIGHT POUNDS

ACTIVE INGREDIENT:

Store in a cool dry place

O,O-Dimethyl S-[4-oxo-1,2,3-benzotriazin-3(4H)-ylmethyl] phosphorodithioate 3Z

WARNING

INERT INGREDIENTS: 97%
100%

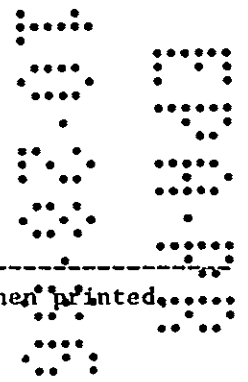
KEEP OUT OF REACH OF CHILDREN
(See rear panel for warning statements)

U.S. Patent No. 2,758,115
Canadian Patent No. 552,660

EPA Reg. No. 3125-63

STOP - READ THE LABEL BEFORE USE

MOBAY CORPORATION
AGRICULTURAL CHEMICALS DIVISION
Box 4913, Kansas City, Missouri 64120



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

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GUTHION 3% DUST

DIRECTIONS FOR USE

IMPORTANT: Read these entire Directions and Conditions of Sale before using GUTHION 3% Dust.

CONDITIONS OF SALE: These Directions for Use reflect the opinion of experts based on tests of effectiveness, of toxicity to plants and laboratory animals and of residues on or in food and feed under normal conditions of use. However, because of the wide range of conditions under which this product may be used, even though label directions are followed, it is impossible to eliminate all risks associated with its use because of abnormal conditions beyond the control of the seller. Mobay Corporation and the Seller offer, and the Buyer uses, this product subject to the understanding that the Buyer assumes all such risks.

RECOMMENDED APPLICATIONS

CROP	INSECT	Pounds GUTHION 3%	REMARKS
FIELD CROPS			
Alfalfa Clover	Alfalfa plant bug Fleahopper Leafhopper Lygus bugs Mites Spittlebug	20 to 25	Apply specified dosage per acre.* Do not apply more than once per cutting nor within 21 days of harvest.
Cotton	Aphids Boll weevil Brown cotton leafworm Cotton fleahopper Cotton leafworm Lygus bugs Mites Thrips	8	Apply specified dosage per acre.* For early season control of bollworm and pink bollworm use 16 to 25 pounds and for mid-to-late season applications use 25 to 32 pounds. Repeat as necessary. Do not apply within 1 day of picking. Cotton receiving late season applications should not be pastured and gin trash from this cotton should not be fed.
	Rapid plant bug Tarnished plant bug	8 to 16	
	Stink bug	16	
	Bollworm Pink bollworm	16 to 32	
Barley Oats Rye Wheat	Cereal leaf beetle	15 to 20	Apply specified dosage per acre.* Do not apply more than once per season. Do not graze or harvest for food, feed or forage within 30 days of treatment.
Soybeans	Aphids Bean leaf beetle Green cloverworm Leafhoppers Leafminers Leaf rollers Stink bugs Velvet bean caterpillar Mexican bean beetle	15 to 20 20 to 30	Apply specified dosage per acre.* Repeat as necessary. Do not apply within 45 days of harvest. Do not graze or feed treated vines to livestock.

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GUTHION 3Z DUST

RECOMMENDED APPLICATIONS (Cont'd)

CROP	INSECT	Pounds GUTHION 3Z	REMARKS
FIELD CROPS (Cont'd)			
Tobacco	Aphids Tobacco hornworm Tobacco flea beetle	20 to 25	Apply specified dosage per acre.* For budworm control make application directly to bud. Treat for hornworm 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	25	
FRUIT			
Apples Crab Apples Pears Quinces	Aphids Apple maggot Codling moth European apple sawfly Eye-spotted bud moth Fruit tree leafroller Leafhoppers Mites Plum curculio Red-banded leaf roller	35 to 40	Apply specified dosage per acre.* Repeat as necessary. Do not apply more than 8 times per season nor within 15 days of harvest.
Cherries	Eye-spotted bud moth Fruit tree leafroller Mites Plum curculio	35 to 40	
Apricots Nectarines Peaches	Aphids Mites <u>Platynota flavedana</u> — leaf roller Plum curculio Red-banded leaf roller	35 to 40	Apply specified dosage per acre.* Repeat as necessary. Do not apply more than 8 times per season nor within 21 days of harvest.
Plums Prunes	Aphids Eye-spotted bud moth Fruit tree leaf roller Mites Plum curculio Red-banded leaf roller	35 to 40	Apply specified dosage per acre.* Repeat as necessary. Do not apply more than 8 times per season nor within 15 days of harvest.
Blackberries Boysenberries Loganberries Raspberries	Aphids Leafhoppers Leaf miners Leaf rollers Obscure root weevil	15 to 30	Apply specified dosage per acre.* Repeat as necessary but not within 14 days of harvest.
Blueberries (Eastern & North Central States Only)	Blueberry maggot Fruitworms Leaf miners Lecanium scale Plum curculio	20	Apply specified dosage per acre.* Up to 5 dust applications may be made with the last application as close as 9 hours before harvest. In addition to the dust applications, 1 or 2 applications of GUTHION spray formulations may be made at recommended rates with the last spray no later than June 15.

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RECOMMENDED APPLICATIONS (Cont'd)

CROP	INSECT	Pounds GUTHION 3%	REMARKS
<u>FRUIT (Cont'd)</u> Cranberries	Cranberry fruitworm Fireworms <u>Sparganothis</u> <u>sulfureana</u> Tipworm	20 to 30	Apply specified dosage per acre.* Repeat as necessary but not within 21 days of harvest.
Grapes	Thrips	20 to 25	Apply specified dosage per acre.* Repeat as necessary but not more than 3 times per season nor within 28 days of harvest. For Thrips control apply in early bloom when caps begin to fall.
	Grape berry moth Leafhoppers Mites	20 to 30	
	Red-banded leaf roller	25 to 30	
<u>NUTS</u> Walnuts	Aphids Codling moth European red mite	40 to 50	Apply specified dosage per acre.* Repeat as necessary. Do not apply after husks split. Do not graze livestock in treated groves for 21 days after treatment.
<u>VEGETABLES</u> Artichokes	Plume moth	60 to 70	Apply specified dosage per acre.* Repeat as necessary. Do not apply within 30 days of harvest. Do not feed or ensile treated forage.
Beans (Snap & Dried)	Aphids Bean leaf beetle Green cloverworm Leafhoppers Leaf miners Leaf rollers Mites Stink bugs Velvet bean caterpillar	15 to 20	Apply specified dosage per acre.* 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 forage.
	Mexican bean beetle Spotted cucumber beetle Striped cucumber beetle Tarnished plant bug Western-striped cucumber beetle	20	
Broccoli Brussels Sprouts Cabbage Cauliflower	Aphids Cabbage looper Diamondback moth Imported cabbageworm	20 to 25	Apply specified dosage per acre.* Repeat as necessary. Do not apply within 7 days of harvest for Brussels sprouts, 15 days of harvest for broccoli and cauli- flower, nor within 21 days of harvest for cabbage.
Blackeyed Peas (Southern peas, Crowder peas)	Corn earworm Cowpea curculio	33	Apply specified dosage per acre.* 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	15 to 20	

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GUTHION 3Z DUST

RECOMMEND APPLICATIONS (Cont'd)

CROP	INSECT	Pounds GUTHION 3Z	REMARKS
<u>VEGETABLES (Cont'd)</u>			
Potatoes	Colorado potato beetle	15	Apply specified dosage per acre.* Repeat as necessary. Do not apply within 7 days of harvest.
	Leafminers	15 to 20	
	European corn borer Flea beetle Leafhoppers Spittlebugs Tarnished plant bug Tuberworm	20 to 25	
Spinach	Aphids Leaf miners Mites	15 to 25	Apply specified dosage per acre.* Repeat as necessary. Do not apply within 14 days of harvest.
Tomatoes	Colorado potato beetle Green stink bug	15	Apply specified dosage per acre.* Repeat as necessary.
	<u>Drosophila</u> Leaf miners	15 to 20	
	Aphids European corn borer Flea beetles Hornworm Leafhoppers Thrips	20 to 25	
	Corn earworm Fruitworm Pinworm Tuberworm Yellow-striped armyworm	25	
<u>ORNAMENTALS</u> Ornamentals, Nursery Plants	Aphids Lace bugs Leafhoppers Mites Thrips	20	Apply specified dosage per acre.* Dust all foliage surfaces including the underside of leaves for complete coverage. Repeat as necessary.
	European pine shoot moth Nantucket pine tip moth	18 to 25	Apply specified dosage per acre.* Time applications to coincide with moth flight. Thorough coverage is necessary for best results.
	Do not allow children or pets on treated area until material has been washed into soil and treated area is dry.		

*MAY BE APPLIED BY AIR OR GROUND EQUIPMENT.

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.

Highly toxic to fish and wildlife. Do not contaminate any body of water nor apply to any areas not specified on the label.

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 the container in any connection with feed, food, or drinking water.

WARNING

May be fatal if swallowed, inhaled, or absorbed through the skin. Do not get in eyes or on skin. Do not breathe dust. Work to windward to stay out of dust. Wash thoroughly after handling.

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 all contaminated clothing with soap and hot water before reuse.

TO PHYSICIAN: Atropine sulfate is antidotal. 2-PAM is also antidotal and may be administered in conjunction with atropine.

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