

PLEASE NOTE

**This image contains more than one label
approved for this product on this date.**

AUG 1 1972
RECEIVED THE FEDERAL INSECTICIDE
ADMINISTRATION
FOR ECONOMIC
ED UNDER NO. 3125-193
TO ATTACHED COMMENTS.



®
GUTHION

**50% WETTABLE POWDER
CROP INSECTICIDE**

FOR EFFECTIVE ECONOMICAL INSECT CONTROL

NET WEIGHT 2½ POUNDS
Store in a cool dry place.

 **POISON** 
DANGER
**KEEP OUT OF REACH
OF CHILDREN**
(See rear panel for antidote and
danger statements.)

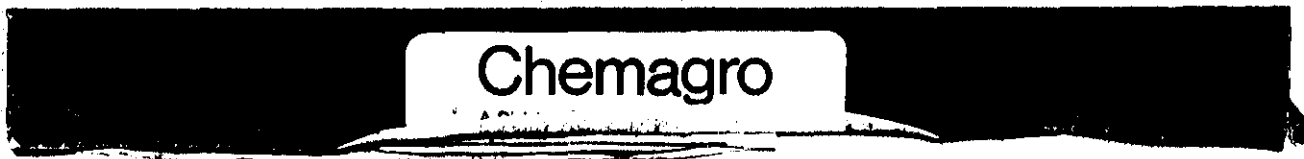
GUARANTEE

ACTIVE INGREDIENT:
O,O-Dimethyl S-[4-oxo
-1,2,3-benzotriazin-3(4H)-ylmethyl]
phosphorodithioate†50%
INERT INGREDIENTS:50%
100%

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

EPA Reg. No. 3125-193-AA

"Chemicals for Agriculture"
MANUFACTURED BY



RECOMMENDED GUTHION APPLICATIONS

CROPS	INSECT	Pounds GUTHION 50%	REMARKS
VEGETABLES (continued) Broccoli Brussels Sprouts Cabbage Cauliflower	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.
	Leaf miners Stink bugs	¾ to 1	
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	
	Aphids European corn borer Flea beetle Leafhoppers Spittlebugs Tarnished plant bug	1 to 1½	
	Tuberworm	1½ to 1¾	
	Aphids Leaf miners Mites	¾ to 1	
	Colorado potato beetle	¾	
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.
Tomatoes	Banded cucumber beetle Drosophila Green stink bug Leaf miners Whitefly	¾ to 1	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.
	Aphids European corn borer Flea beetles Grasshoppers Leafhoppers Thrips	1 to 1½	
	Tuberworm	1½ to 1¾	
	Corn earworm Fruitworm Hornworm Pinworm Yellow-striped armyworm	1½ to 3	
	Leafhoppers Leaf miners	¾ to 1	
	Rindworms Spotted cucumber beetle Striped cucumber beetle Western-striped cucumber beetle	1	
MELONS Honeydew Melons Muskmelon (Cantaloupe) Watermelon Other melons	Aphids Carococcus 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 Ornamentals, Nursery Plants, Forest & Shade Trees	Brown soft scale Putnam scale	2	
	Black pine leaf scale European elm scale	1½ to 2	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.
	Cone midge Cone moth	4 to 8	
	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	Coneworm Seedworm	3	Apply specified dosage per 100 gallons of water. Thorough coverage of cones is necessary for maximum control. Repeats 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.

NEXT

LABEL

3125-193

8-1-1972

T-9
Ref. 1

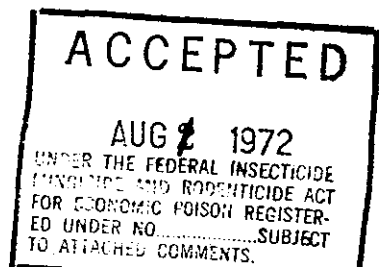
Base Pre-Reg. (1663)

U.S. LABEL

Reason to Issue: To show text for
8-ounce PVA packet.

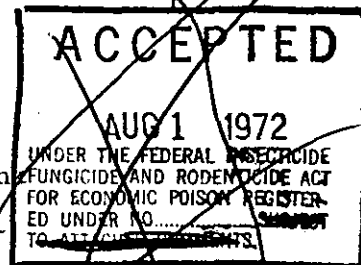
Date of Draft: 5/15/72 (Pre-Reg.) (S)

EPA Reg. No. 3125-193-AA



(R)
GUTHION
50% Wettable Powder
CROP INSECTICIDE

Do Not Allow Water Soluble Packet to
Become Wet Prior to Adding to Spray Tank



3125-193

ACTIVE INGREDIENT:

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

INERT INGREDIENTS: 50%
100%

EPA Reg. No. 3125-193-AA

DANGER

POISON

KEEP OUT OF REACH OF CHILDREN

Poisonous if Swallowed, Inhaled or Absorbed through the Skin. Do Not Get in
Eyes, or On Skin. Do Not Breath Spray Mist.

In case of poisoning call a physician immediately. Have patient lie down and
keep quiet. If swallowed, induce vomiting by giving a tablespoonful of salt in
a glass of warm water. Administer milk or water freely and again induce vomit-
ing until vomit fluid is clear. 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.

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

NET WT. 8 OUNCES

CHEMAGRO
Division of Baychem Corporation
Box 4913, Kansas City, Mo. 64120

NEXT

LABEL

U.S. LABEL

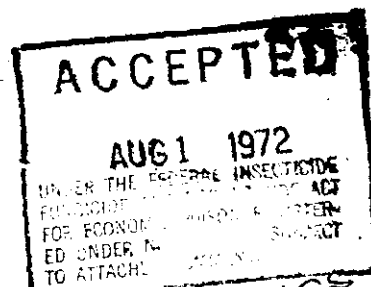
Reason for Issue: To revise front panel, Date of Draft: 5/15/72 (Pre-Reg.) (S)
and the "MIXING" and "DOSAGE" paragraphs
to accomodate water soluble packages.

EPA Reg. No. 3125-193-AA

SPECIFIC AMENDMENTS FOR PACKAGE CONTAINING WATER SOLUBLE PACKETS

(R)
GUTHION
50% Wettable Powder

CROP INSECTICIDE



(1) Add to the Front Panel:

IN CONVENIENT WATER SOLUBLE PACKETS

KEEP WATER SOLUBLE PACKETS IN THIS CONTAINER
AND STORE IN A COOL DRY PLACE

DEALERS SHOULD SELL IN ORIGINAL PACKAGES ONLY

CONTAINS FIVE 8-OUNCE WATER SOLUBLE PACKETS
TOTAL NET CONTENTS 2-1/2 POUNDS

(2) Revise "MIXING" paragraph to read:

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

(3) Revise "DOSAGE" paragraph to read:

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 1/2 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.

2/2

GUTHION 50% Wettable Powder

(4) Under "DANGER" revise:

(a) "Do not breathe dust or spray mist" to read "Do not breathe spray mist".

(b) Second paragraph to read:

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

(c) Delete:

"A mask or respirator recommended by the U.S. Bureau of Mines for protection against GUTHION should be worn when handling the powder."

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