

A black and white image of a stop sign. The sign is octagonal with a thick black border. Inside the octagon, the text "BEFORE USING ANY PESTICIDE" is at the top, "STOP" is in the center in large bold letters, and "READ THE LABEL" is at the bottom.

CUT ALONG THIS LINE

CROPS	INSECT	Pounds per acre	REMARKS
<b>VEGETABLES (continued)</b>			
Broccoli Brussels Sprouts Cabbage Cauliflower	Cabbage maggot (Direct seeded as is 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.
Black-eyed peas (Southern peas, Crowder peas)	Corn earworm Cowpea curculium	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	
	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.
	Colorado potato beetle	¾	
Tomatoes	Banded cucumber beetle <i>Drosophila</i> 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 1½	
	Corn earworm Fruitworm Hornworm Pinworm Yellow-striped armyworm	1½ to 3	
	Leafhoppers	¾	
	Spittlebugs	1	

**IMPORTANT:** Read these entire Directions before using the product. See the Warrantee and Limitation of Liability on the back of the box. **GUTHION 50% Wettable Powder.**

**MIXING:** GUTHION 50% Wettable water to form a suspension which ground spray equipment. Mix the Wettable Powder with a small quantity of water, shake the mixture through the screen while filling the spray tank and add the premix. Operate the agitator.

**DOSAGE:** Use specified dosage of Guthion 50% and add the necessary amount of water necessary to give the required concentration for the type of equipment used will determine the dosage.

**SPRAYING:** Work to windward. Premix. When low volumes of spray are required, thorough application are essential. Applications in accordance with the label. Agricultural Experiment Station or your local extension agent for information in your area.

**Do not use on other crops used for label directions. Application at in illegal crop residues. Do not grow for 21 days after treatment the greenhouse.**

**This product is toxic to fish, birds, streams, or ponds. Do not apply when weather conditions favorinate water by cleaning of equipment. Use this product only as specified on the label.**

**DO NOT RE-USE THE CONTAINER**  
bury the unused chemical at least  
away from water supplies.  
**Burn the empty container compl**  
stay well away from the smoke.  
**Do not use container in any connec**

**POISONOUS** if swallowed, inhaled, or get in eyes or on skin. Do not breathe should work to windward to stay clear. When loading spray tank or handling wear protective clothing, natural or respirator recommended by the tion against GUTHION should be Do not contaminate feed or foodst domestic animals. Keep all unprotected vicinity where there may be dis face thoroughly with soap and warm all contaminated clothing with soap.

**SYMPTOMS OF POISONING:** A severe Contracted pupils. Stomach pains

(Chemagro

**GUTHION**

# 50% WETTABLE POWDER CROP INSECTICIDE

## 5. 6. EFFECTIVE ECONOMIC INSECT CONTROL

	Western cucumber beetle		day of harvest.
Eggplant	Leaf miners	1/4 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	1	
	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.
Peppers	Leaf miners	1/4 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	1	
	Flea beetles	1	
Potatoes	Colorado potato beetle	1/4	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	1/4 to 1	
	Leaf miners	1/4 to 1	
	European corn borer	1 to 1 1/2	
	Flea beetle	1 to 1 1/2	
	Leafhoppers	1 to 1 1/2	
Spinach	Spittlebugs	1 1/4 to 1 1/2	Apply specified dosage per acre in sufficient water for complete coverage. Repeat as necessary. Do not apply within 14 days of harvest.
	Tarnished plant bug	1 1/4 to 1 1/2	
	Tuberworm	1 1/4 to 1 1/2	
Tomatoes	Aphids	1/4 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 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.
	Leaf miners	1/4 to 1	
	Mites	1/4 to 1	
MELONS	Colorado potato beetle	1/4	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.
	Banded cucumber beetle	1/4 to 1	
	Drosophila	1/4 to 1	
	Green stink bug	1/4 to 1	
	Leaf miners	1/4 to 1	
	Whitefly	1/4 to 1	
Honeydew Melons	Aphids	1 to 1 1/2	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.
	European corn borer	1 to 1 1/2	
	Flea beetles	1 to 1 1/2	
Muskmelon (Cantaloupe)	Grasshoppers	1 1/4 to 1 1/2	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.
	Leafhoppers	1 1/4 to 1 1/2	
	Thrips	1 1/4 to 1 1/2	
Watermelons	Tuberworm	1 1/4 to 1 1/2	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.
	Corn earworm	1 1/4 to 1 1/2	
	Fruitworm	1 1/4 to 1 1/2	
ORNAMENTALS	Morworm	1 1/4 to 1 1/2	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.
	Pinworm	1 1/4 to 1 1/2	
	Yellow-striped armyworm	1 1/4 to 1 1/2	
Ornamentals, Nursery Plants, Forest & Shade Trees	Leafhoppers	1/4 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.
	Leaf miners	1/4 to 1	
	Rindworms	1/4 to 1	
Muskmelon (Cantaloupe)	Spotted cucumber beetle	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.
	Striped cucumber beetle	1	
	Western-striped cucumber beetle	1	
ORNAMENTALS	Aphids	1 to 1 1/2	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.
	Cerococcus scale	1 to 1 1/2	
	Euonymus scale	1 to 1 1/2	
Ornamentals, Nursery Plants, Forest & Shade Trees	Juniper scale	1/4 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.
	Lace bugs	1/4 to 1	
	Leafhoppers	1/4 to 1	
Muskmelon (Cantaloupe)	Mites	1/4 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.
	Olive scale	1/4 to 1	
	Oystershell scale	1/4 to 1	
Watermelons	Pulvinaria scale	1/4 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.
	Thrips	1/4 to 1	
	Brown soft scale	1/4 to 1	
ORNAMENTALS	Putnam scale	1/4 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.
	Black pine leaf scale	1 1/4 to 2	
	European elm scale	1 1/4 to 2	
Ornamentals, Nursery Plants, Forest & Shade Trees	Cone midge	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.
	Cone moth	4 to 8	
	European pine shoot moth	1/4 to 1 1/2	
Muskmelon (Cantaloupe)	Nantucket pine tip moth	1/4 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.

# Chemagro

®

# GUTHION

## 50% WETTABLE POWDER CROP INSECTICIDE

### FOR EFFECTIVE ECONOMICAL INSECT CONTROL

NET WEIGHT 2.5 POUNDS

Store in a cool dry place.



**DANGER**  
**KEEP OUT OF REACH**  
**OF CHILDREN**

(See side panel for antidote and danger statements.)

*Chemicals for Agriculture*

MANUFACTURED BY

GUARANTEE

ACTIVE INGREDIENT:

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

INERT INGREDIENTS: . . . . .50%  
100%

† Canadian Patent No. 552,660

EPA Reg. No. 3125-193-AA

**DOSAGE:** Use specified dosage of amount of water necessary to give type of equipment used will determine.  
**SPRAYING:** Work to windward. F mist. When low volumes of spray thorough application are essential applications in accordance with Agricultural Experiment Station information in your area.

**RESTRICTIONS:**

Do not use on other crops used to label directions. Application in illegal crop residues. Do not groves for 21 days after treatment the greenhouse.

This product is toxic to fish, birds, streams, or ponds. Do not apply when weather conditions favor contaminate water by cleaning of this product only as specified on

**CONTAINER:**

DO NOT RE-USE THE CONTAINER. Bury the unused chemical at least away from water supplies. Burn the empty container completely stay well away from the smoke. Do not use container in any connection

**DA**

Poisonous if swallowed, inhaled, get in eyes or on skin. Do not breathe should work to windward to stay. When loading spray tank or handling wear protective clothing, natural or respirator recommended by tion against GUTHION should. Do not contaminate feed, or food, domestic animals. Keep all unpolluted or vicinity where there may be face thoroughly with soap and water all contaminated clothing with symptoms of poisoning: A severe Contracted pupils. Stomach pain. TREATMENT. In case of poisoning patient lie down and keep quiet. a tablespoonful of salt in a glass freely and again induce vomiting remove contaminated clothing and warm water. If eyes are contaminated at least 15 minutes.

**TO PHYSICIAN:** **POISON**

**ANTIDOTE—**Administer atropine. Repeat as necessary to the poison and may be administered in combination. Compound inhibits cholinesterase: nervous system, the parasympathetic motor nerves. Do not give morphine may develop in serious cases of sign of pulmonary edema, the treatment and treated symptomatically.

**WARRANTY AND LIABILITY:**

Chemagro warrants that this material on the label and is reasonably fit for the type of equipment used will determine. CHEMAGRO MAKES NO OTHER CLAIMS INCLUDING ANY OTHER EXPRESS OR IMPLIED WARRANTIES, and no