

[11273-2]

### DIRECTIONS FOR USE

**GENERAL:** Apply at first sign of infestation when worms are small and repeat at weekly intervals as needed to maintain control. Thuricide HPC attacks the larval gut and must be eaten by the insect to be effective. *Thorough underleaf coverage is, therefore, essential for best results. After eating Thuricide HPC, worms stop feeding and die within 2-3 days. Since the active ingredient, Bacillus thuringiensis is exempt from tolerance requirements, Thuricide HPC may be applied up to the day of harvest.*

**MIXING:** *Always shake or stir Thuricide HPC thoroughly before use. Pour recommended amount of Thuricide HPC onto surface of water in a nearly filled spray tank. Maintain agitation. Use the higher rates against very heavy worm infestations, or where it is difficult to get good coverage due to rank foliage. Do not allow dilute sprays to stand in the tank for more than 12 hours. Combinations with chemical insecticides, fungicides, spreader-stickers, and stickers in the tank are*

generally not deleterious to Thuricide HPC if the mix is used promptly

**GROUND APPLICATION:** Use recommended amount of Thuricide HPC in a minimum of 5 to 50 gallons of water, depending on the type of crop and requirements of State Regulations. Add a sticker, adhesive or deposit builder, such as NuFilm 17, or Chevron Spray Sticker where heavy dew or rain is encountered.

**GROUND APPLICATION, TREES:** Use recommended amount of Thuricide HPC in 100 gallons of water in high pressure, high gallonage hydraulic sprayers. *Wet foliage thoroughly with spray but not to the point of excessive runoff.* For mist blowers use recommended amount in 10 gallons of water. To prevent wash-off by rain add a sticker to the finished spray.

**AERIAL APPLICATION:** Use recommended amount of Thuricide HPC in 5 to 20 gallons of water. A sticker should be added under conditions of heavy dew or rain. Apply early morning or evening when the air is calm.

**CONTAINER DISPOSAL:** Do not reuse empty container—destroy or discard in safe place.

**NOTICE:** International Minerals & Chemical Corporation makes no warranty, express or implied, including the warranties of merchantability and/or fitness for any particular purpose, concerning this material except those which are contained on IMC's label

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INTERNATIONAL MINERALS & CHEMICAL CORPORATION  
Libertyville, Illinois 60048

LOT

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# thuricide-H

A HIGH POTENCY AQUEOUS CONCENTRATE

**ACTIVE INGREDIENTS:**

<i>Bacillus thuringiensis</i>	
Berliner, potency of 4,000	
International Units (at least	
6 million viable spores)	
per milligram* . . . . .	0.8%
Petroleum hydro-	
carbon solvent . . . . .	3.0%
<b>INERT INGREDIENTS: 96.2%</b>	
	<b>100.0%</b>

\*Equivalent to 4.0 billion International Units per quart.

**CAUTION: KEEP OUT OF REACH OF CHILDREN**

STORE IN A COOL PLACE

Activity may be impaired by storage at temperatures above 90°F.—Protect from freezing



1 gallon net

# Thuricide-HPC

LIQUID AQUEOUS CONCENTRATE

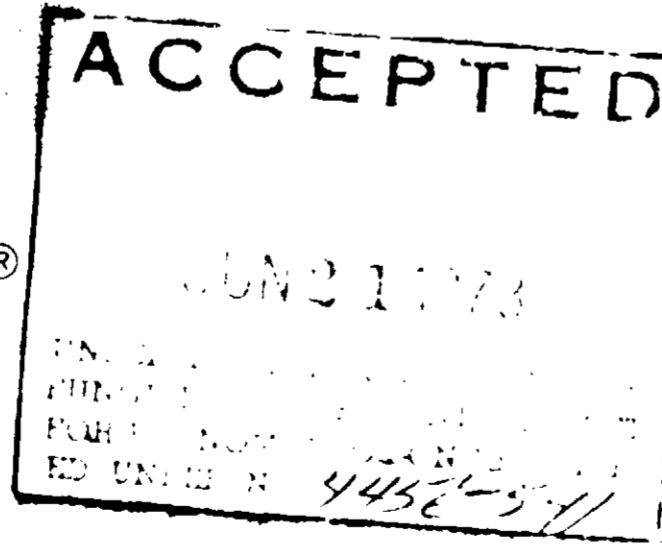
CONTENTS:

1 gallon net  
 of 4,000  
 units (at least  
 100 pores)  
 . . . . . 0.8%  
 . . . . . 3.0%  
 NETS: 96.2%  
 100.0%

International

KEEP OUT  
 OF CHILDREN

DO NOT PLACE  
 in unimpaired by storage at  
 above 90°F.—Protect from freezing



## RECOMMENDATIONS

Thorough coverage essential when using THURICIDE-HPC Aqueous Concentrate

Crop	Pest	Qts. per Acre	Crop	Pest	Qts. per Acre		
ALFALFA (Arizona, W Coast)	Alfalfa caterpillar	¼	MELONS	Cabbage looper	½-1½		
BROCCOLI	Cabbage looper, 1-2 Imported cabbage worm ½-1½	1-2	POTATOES				
BRUSSELS SPROUTS			CUCUMBERS (Southeast only)				
CABBAGE			COTTON (Arizona, California)				
CAULIFLOWER			TOBACCO				
COLLARDS			Cabbage looper	1-1½	Tobacco budworm	½-1½	
KALE					Tobacco hornworm	½-1½	
MUSTARD GREENS			Cabbage looper	1-1½	TOMATOES	Cabbage looper	1-1½
TURNIP GREENS					Tomato hornworm	½-1½	
BEANS			Cabbage looper	1-2	WATERMELONS (Fla.)	Rindworm complex	½-1½
CELERY					GRAPES	Grape leaf folder	1-2
LETTUCE	Omnivorous leaf roller	½-1½					
SPINACH			(California)				

These recommendations are to be applied by ground equipment only:

Crop	Pest	Qts. per Acre	*GYPSY MOTH: Aerial Application
ORANGES (Calif., Arizona)	Fruit tree leafroller	1-2	Thuricide HPC may also be applied by air to prevent excessive defoliation by gypsy moth. For best results, spray when leaf expansion reaches 40-50% and re-spray 14 days later. Use two quarts of Thuricide HPC in 1-4 gallons finished spray per acre. Incorporate in the spray mix an evaporation retardant such as Mollasses, Cargill's insecticide base, polyethylene glycol E-400, and a film-forming sticker (see left panel). To obtain thorough coverage use spray equipment suitable for delivery of droplets of less than 300 microns average diameter.
WALNUTS (Calif.)	Orange dog	½-1	
	Redhumped caterpillar	¼-1	
SHADE TREES, ORNAMENTALS AND FOREST	Cankerworm, Spring & Fall	½-1	
	Great Basin Tent caterpillar (West U.S.)	½-1	
	Fall webworm	½-1	
	Oakmoth larvae (Calif.)	1-2	
	Redhumped caterpillar (Calif.)	½-2	
	Tent caterpillar	½-1	
	Gypsy moth (N.E.)*	1-2	

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