

**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 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 washoff 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.

**DIRECTIONS FOR USE FOR THURICIDE HPC TANK-MIX COMBINATIONS WITH FUNDAL® OR GALECRON®**

**CROPS:** Broccoli, Brussels sprouts, Cabbage, Cauliflower

**INSECTS:** Cabbage looper, Diamondback moth, Imported cabbageworm

**RATE/ACRE:** 1/4 - 1/2 OZ. THURICIDE HPC mixed with:

1/8 - 1/4 Qt. Fundal or Galecron 4EC

or

1/8 - 1/4 Lb. Fundal or Galecron SP

Use the higher rates of each product when greater infestations warrant. Apply when eggs or small worms first appear and repeat at 7-10 day intervals for continued control.

surface of a partially filled spray tank and agitate well, both before and during application. Do not allow mixes to stand in tank for more than 12 hours.

Use at least 50 gallons of water per acre and obtain thorough coverage. Place each of the two products on the

Do not make more than 9 applications. Do not apply less than 14 days before harvest. Read and follow the other statements on the respective labels in the combination.

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

**NOTICE:** Sandoz, Inc. 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 Sandoz, Inc.'s label.



**thuricide®-HPC**  
HIGH POTENCY AQUEOUS CONCENTRATE

**ACTIVE INGREDIENTS:** *Bacillus thuringiensis* Berliner, potency of 4,000 International Units (at least 6 million viable spores) per milligram . . . . . 0.8%  
Petroleum hydrocarbon solvent . . . . . 3.0%  
**INERT INGREDIENTS:** . . . . . 96.2%  
100.0%

\*Equivalent to 4.0 billion International Units per quart.  
**STORE IN A COOL PLACE**  
Activity may be impaired by storage at temperatures above 90° F. - Protect from freezing.

KEEP OUT OF REACH OF CHILDREN

**CAUTION**

AVOID INHALATION OR CONTACT WITH EYES OR OPEN WOUNDS  
APPLY THIS PRODUCT ONLY AS SPECIFIED ON THIS LABEL

NET \_\_\_\_\_ U.S. GALLONS

LOT \_\_\_\_\_



EPA Est. No. 36299-CA-1  
EPA Reg. No. 11273-2

**RECOMMENDATIONS:** Thorough coverage is essential when using Thuricide HPC Aqueous Concentrate.

Crop	Pest	Qts. per Acre
ALFALFA (Arizona, West Coast)	Aflala caterpillar	1-4
BROCCOLI, BRUSSELS SPROUTS, CABBAGE	Cabbage looper	1-2
CAULIFLOWER, COLLARDS, KALE, MUSTARD GREENS, TURNIP GREENS	Imported cabbage worm Diamondback moth	1/2-1 1/2 1/2-1
BEANS, CELERY, LETTUCE, SPINACH	Cabbage looper	1-2
CUCUMBERS (Southeast only), MELONS, POTATOES	Cabbage looper	1/2-1 1/2
COTTON (Arizona, California)	Cabbage looper	1-2
SOYBEANS	Soybean looper Cabbage looper, Green cloverworm, Velvetbean caterpillar	1-1 1/2 1/2-1 1/2
TOBACCO	Cabbage looper Tobacco budworm, Tobacco hornworm	1-1 1/2 1/2-1 1/2
TOMATOES	Cabbage looper Tomato hornworm	1-1 1/2 1/2-1 1/2
WATERMELONS (Florida)	Rindworm complex	1/2-1 1/2
GRAPES	Grape leaf folder Omnivorous leafroller (California)	1-2 1/2-1 1/2
<b>The following must be applied by ground equipment only:</b>		
ORANGES (Arizona, California)	Fruit tree leafroller Orange dog	1-2 1/2-1
WALNUTS (California)	Redhumped caterpillar	1-4-1
SHADE TREES, ORNAMENTALS, FOREST	Spring & Fall cankerworm, Fall webworm, Great Basin Tent caterpillar (West U.S.), Tent caterpillar Redhumped caterpillar (California) Oakmoth larvae (California), Gypsy moth (Northeast)*	1-2-1 1/2-2 1-2

\*GYPSY MOTH: Aerial Application  
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 respray 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 molasses, Cargill's Insecticide Base, polyethylene glycol E-400, and a film-forming sticker. To obtain thorough coverage use spray equipment suitable to deliver droplets with an average diameter of less than 300 microns.

**ACCEPTED**  
MAR 25 1976  
Under the Federal Insecticide, Fungicide, and Rodenticide Act, an endorsement for the pesticide is issued under Reg. No. 11273-2

11273-2  
3-25-76  
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