

DIRECTIONS FOR USE

GENERAL Apply at least one coat of Thurect on when worms are found, and repeat at three day intervals as needed to maintain control. Thurect HPC attacks the larval gut and must be eaten for the insecticidal effect to work. Thorough under-seat coverage is therefore essential for best results. After eating Thurect HPC worms stop feeding and die within 2-3 days. Since the active ingredient Bacillus thuringiensis is exempt from tolerance requirements Thurect HPC may be applied up to the day of harvest.

MATING. Always shake or stir Thuricide HPC thoroughly before use. Pour recommended amount of Thuricide HPC onto surface of water in a heavy-floored spray tank. Maintain an agitation. Use the higher rates against early hatches; more infestations during which it is difficult to get good coverage due to tank fogage. Don't use too dilute sprays; store in the tank for more than 12 hours. Combinations with chemical insecticides, fungicides, spreader stickers, and stickers in the tank are general to not deleterious to Thuricide HPC if the insecticide

GROUND APPLICATION: Use recommended amounts 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 starch adhesive or deposit builder where heavy dew or rain is

Crop	Pest
ALFA LFA	Alfalfa caterpillar
ALMONDS [*]	Redchumped caterpillar
ALMONDS' CHERRIES	Font caterpillar
Apple urban caterpillars pred actively feeding (2nd 4th instar)	
APPLES' PEARS	
Apple when apples or newly hatched larvae first appear. Continue apple as a part of the normal control spray program until pest is adequately controlled.	Fatted apple bumblebee Fall repeated webworm Font caterpillar fruit tree leafroller Gypsy moth
BROCCOLI BRUSSELS SPROUTS	
CABBAGE CAULIFLOWER	
COLARDS FALE MUSTARD	
GREENS TURNIP GREENS	
BEANS BEETS CARROTS CELERY	
CHARD CHINESE CABBAGE (Cabbage Lettuce)	
ESCAROLE GARLIC KALE LABLABI	
LENTILS LETTUCE ONIONS	
PARSLEY RADISHES SPINACH	
SQUASH ✓	Cabbage looper
CUCUMBERS MELONS ✓	Cabbage worm
Begin treatment when worms are small to avoid damage and scattering to the harvested crop	
EGLANTINE PEPPERS	
CURRANTS BLUEBERRIES	
CANEBERRIES BLACKBERRIES	
DEWBERRIES RASPBERRIES	
Apple by ground equipment only. Begin treatments as soon as possible after hatching and before larvae are protected by leaf folds	Omni voracious leafroller

GROUND APPLICATION TREES. Use recommended amount of Thuricide HPC in 10-15 gallons of water in high pressure, high flow usage, hydraulic sprayers. Wet foliage thoroughly with spray, but not to the point of excessive runoff. For tree masses use recommended amount in 10-15 gallons of water. To prevent washout by rain add a sufficient

AIR/AT APPLICATION Use recommended air/cut of Thuricide HPC in 5 to 20 gallons of water. At 1/2 hr. shot should be applied under conditions of heavy down or rain. Apply early morning or evening when the price is right.

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

NOTICE Sender Im: MAKING CANNATO, PATRICK D. REC'D. BY: D. HARRINGTON, DURING THE MARRANTINE PERIOD.

WARRANTY Seller warrants that the materials expressed or implied, including the warranties of merchantability and fitness for any particular purpose, concerning this material, except those which are contained on this label.

Crop	Pest	Grs. per acre
COTTON	Tobacco budworm Cotton bollworm	1.2
For the suppression of light to moderate infestations, apply at first sign of egg laying or newly hatched worms (1st and 2nd instar larvae). Reapply at 3-5 day intervals to sustain worm suppression or until adequate reduction of worm populations is achieved. Use Thuricide HP under a pest management program that includes insecticidal scouting. If tobacco worm populations occur, it may be necessary to apply an insecticide with rapid knockdown and good larval activity as a replacement. Apply from 5-15 gallons total spray per acre with ground equipment and from 2-5 gallons total spray per acre with aerial equipment.		

Crop	Pesticide	Post	Rate per acre
COTTON	Thuricide HPC	Balance budworm Cotton bollworm	1 pt
	+ chlorpyrifos 50 or chlorpyrifos 4EC		+ + + pt

Use Thuricide HPC plus chlord medium for a combined oxidative latent de-egger. Use the low rates for suppression of light infestations and the high rates for suppression of moderate infestations. Apply suspension of egg killer or newly hatched worms. Reapply at 3 day intervals to sustain suppression or until adequate worm reduction is achieved. Apply from 2.5 gallons total spray per acre with aerial egger sprayer. Follow all restrictions, safety precautions and directions contained on the USDA or GAI/CRC label.

DIRECTIONS FOR USE OF TANK MIX COMBINATIONS OF THURICIDE MPC AND ECAK INSECTICIDE (EPA REG. NO. 31273-1), IN THE SOUTHWEST ONLY

Crop	Insecticide	Pest	Risk per acre
COTTON	Thuricide MPC	Cotton Bollworm Tobacco Budworm	1 pt. = 1 qt.
	Star		1 lb. = 1 qt.

Use THORACIDE HPC in combination with ELCAR for an increased larvicide effect. Use the low-rate combination for light infestations, and use the high-rate combination for control of moderate infestations. Apply at first sign of egg deposit on newly hatched larvae, and repeat as needed. For severe infestations, apply at 1/2 lb. insecticide per acre.

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

ACTIVE INGREDIENTS Bacillus thuringiensis Berliner, potency of 4,000 Int (at least 6 million viable spores) per milligram¹
Petroleum hydrocarbon solvent

^aEquivalent to 4.0 billion International Units per quart.

KEEP OUT OF REACH OF CHILDREN

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

STORE IN A COOL PLACE

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



LOT

NET 1 U.S. GALLON

reaction 480

Made in U.S.A.

Je®-HPC CONCENTRATE

ency of 4,000 International Units
 0.8%
 3.0%
96.2%
 100.0%

CHILDREN

ES OR OPEN WOUNDS
 IED ON THIS LABEL

E

atures above 90° F.

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

Rio South, San Diego, CA 92108

Crop	pest	On per acre	Crop	pest	On per acre
COTTON	Cabbage looper	1/2	PECANS	Redbumped caterpillar	1/2
PEANUTS	Cabbage looper	1/2	Fall webworm	1/2	
	Velvethorn caterpillar	1/2	Tent caterpillar	1/2	
	Podborers	1/2	Fall webworm	1/2	
POTATOES	Cabbage looper	1/2	Ornithodoros ticks	1/2	
SOYBEANS	Cabbage looper	1/2	Redbumped caterpillar	1/2	
	Soybean beetle	1/2			
	Cabbage looper, G. san	1/2			
	Cloverworm, Vicia weevils	1/2			
	Caterpillars	1/2			
	Podborers ¹	1/2			
SUGARBEETS	Cabbage looper	1/2	SHADE TREES, ORNAMENTALS	Spring & Fall caterpillars	1/2
	Omni vorous leafroller	1/2	Fall webworm	1/2	
TOBACCO	Cabbage looper	1/2	Tent caterpillar	1/2	
	Tobacco budworm	1/2	Redbumped caterpillar	1/2	
	Tobacco hornworm	1/2	Stinkhorn larvae	1/2	
TOMATOES	Tomato hornworm	1/2	Tripple moth ²	1/2	
	Cabbage looper	1/2			
WATERMELONS (Florida)	Cabbage looper	1/2			
GRAPES	Start treating as soon as possible after hatching and before larvae are protected by leaf webs. Apply by ground equipment in up to 200 gallons total spray per acre to obtain thorough coverage of leaf surfaces.	1/2	STORIED SOYBEANS, GRAINS	Indian meal moth	1/2
	Omni vorous leafroller	1/2	Almond moth	1/2	
MINT	Cabbage looper	1/2			
STRAWBERRIES	Cabbage looper	1/2			
	Redbumped caterpillar	1/2			
	Use 20 gallons water minimum per acre when using ground equipment and 5 gallons water minimum per acre by aircraft	1/2			
SUGAR MAPLE	Spring & Fall caterpillars	1/2			
	Fall webworm	1/2			
	Tent caterpillar	1/2			
	Gypsy moth	1/2			
PEACHES, NECTARINES	Redbumped caterpillar	1/2			
	Tent caterpillar	1/2			
	Omni vorous leafroller	1/2			
BANANAS (Insects)	Banana skipper	1/2			
	Use calibrated ground equipment with adequate water to apply 16 points of runoff	1/2			
ORANGES	Fruit tree borer	1/2			
	Orange dog	1/2			
	Citrus cutworm	1/2			
PEPPERS		1/2			
	Apply when caterpillars are actively feeding (2nd-4th instar)	1/2			
	Apply at 10% egg hatch	1/2			
	Tent Caterp. lar.	1/2			
	Albert leafroller ³	1/2			

ACCEPTED

JUL 22 1981

THE JEFFERSON CHEMICAL CO.
 P.O. BOX 11273
 SAN DIEGO, CALIFORNIA 92108
 100% concentrated
 EPA Reg. No. 11273-2

11273-2

