

STORAGE

Store in a cool place. Activity may be impaired by storage at temperatures above 90° F. Do not contaminate water, food, or feed by storage or disposal.

DISPOSAL

PESTICIDE

Wastes resulting from this product may be disposed on on-site or at an approved waste disposal facility.

CONTAINER

Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Reuse of thoroughly cleaned drum is allowable.

LIMITED WARRANTY AND LIABILITY

Read this Limited Warranty and Liability before buying or using this product. If terms are not acceptable, return it at once, unopened.

It is critical that this product be used and mixed only as specified on the label. The laws of a State may make some or all of this paragraph inapplicable or may give you rights in addition to your rights hereunder. Except to the extent prohibited by applicable law, the exclusive remedy of the user or buyer and the limit of liability of this Company or any other Seller for any and all losses, personal injuries or damages resulting from the use of this product, shall be the purchase price paid by the user or buyer for the quantity of product involved. Except to the extent prohibited by State Law, there is no warranty and this Company and other Sellers disclaim all liability for losses, personal injury or damages: (i) arising from any use of this product in a manner or for a purpose not recommended in its label directions, or from mixing this product before use with any substance except as recommended by the product's label; (ii) arising from handling or storage in violation of label instructions; (iii) for all indirect, special or consequential damages; (iv) when not reported to this Company within one year of discovery. THERE ARE NO IMPLIED WARRANTIES AND NO WARRANTIES OF MERCHANTABILITY OR FITNESS.

NOV 02 1990

385578-300
17 1

Ms. Ada M. Breaux
Sandoz Crop Protection Corporation
1300 East Touhy Avenue
Des Plaines, Illinois 60018

Dear Ms. Breaux.

Subject: Thuricide 48 LV
EPA Registration No. 55947-74
Your submission of September 28, 1990

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records.

NOTE: This approval is for the following:

1. Increase application rate and add BIU/acre rate equivalent.
2. Delete label instructions for single applications to gypsy moth.

Sincerely yours,

Phil Hutton
Product Manager (17)
Insecticide-Rodenticide Branch
Registration Division (H7505C)

BEST AVAILABLE COPY

THURICIDE® 48 LV

**AQUEOUS CONCENTRATE FOR AERIAL OR GROUND APPLICATION
FOR CONTROL OF ORNAMENTAL, SHADE TREE, AND FOREST PESTS**

ACTIVE INGREDIENT:

Bacillus thuringiensis, subspecies kurstaki, potency 12,000
International Units (at least 18 million viable spores) per milligram*... 2.4%

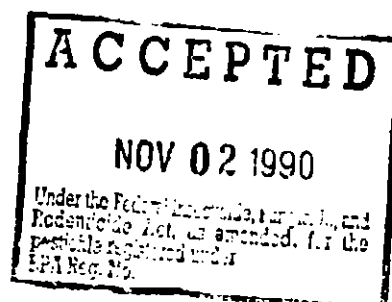
INERT INGREDIENTS: 97.6%

TOTAL 100.0%

*Equivalent to 12.0 billion International Units per quart.

KEEP OUT OF REACH OF CHILDREN

CAUTION



EPA Reg. No. 55947-74
EPA Est. No. 55947-CA-2
MADE IN U.S.A.

Net Contents: 5 Gal. or 53 Gal.
Lot No.:

THURICIDE® is a Registered Trademark of Sandoz Ltd.

SANDOZ CROP PROTECTION CORPORATION
Des Plaines, Illinois 60018

September 1990

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS

Avoid inhalation or contact with eyes or open wounds.

ENVIRONMENTAL HAZARDS

Do not apply directly to water or wetlands (swamps, bogs, marshes, and potholes). Aerial application is permissible only above tree canopy. Do not contaminate water when disposing of equipment washwaters.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Suspension must be shaken or stirred before use. Pour the recommended amount of THURICIDE® 48LV into the required volume of water in the spray tank. Agitate as necessary to maintain suspension. Do not allow diluted sprays to remain in the tank for more than 72 hours. THURICIDE® 48LV is formulated to provide desirable coverage and stickability on leaf surfaces. Additional adjuvants, spreaders, or stickers may be added but are not essential.

Do not apply this product through any type of irrigation.

GROUND APPLICATION

Use adequate water to obtain good foliar coverage. Wet foliage but do not allow excessive run-off. Apply the recommended per acre rates of THURICIDE® 48LV with the following suggested amounts of water:

100 gallons with high-gallage hydraulic sprayers
10 gallons with mist blower

AERIAL APPLICATION

Apply THURICIDE® 48LV at recommended rates by air either alone or as a spray mix diluted with water. Spray volumes of 32-128 ounces per acre are recommended. Best results are expected when THURICIDE® 48LV is applied to dry foliage with a calibrated aircraft capable of obtaining droplet sizes below 300 microns and preferably in the range of 50-150 microns.

RECOMMENDATIONS

Thorough coverage is essential when using THURICIDE® 48LV. Use the lower rate for light to moderate infestations. Use the higher rates against heavier worm infestations.

Pest	Ounces Per Acre	Dosage BIU Per Acre	Directions For Use
Spring Cankerworm	11- 44	4-16	Apply when leaf expansion reaches 40-50% as infestation warrants. If eggs hatch over a long period of time or if reinfestation occurs, respray about 14 days after the first application.
Fall Cankerworm	11- 44	4-16	
Elm Spanworm	11- 44	4-16	
Tent Caterpillar	11- 44	4-16	
Gypsy Moth	22-106	8-40	
Spruce Budworm	16-106	6-40	Apply when most larvae are 3rd-4th instar. Also consider the opening of the bud cap to ensure foliage exposure.
Douglas Fir Tussock Moth	11- 44	4-16	Apply after eggs have hatched and early instar larvae are feeding on exposed foliage.
Jack Pine Budworm	11- 44	4-16	
Bagworm	11- 44	4-16	
California Oak Moth	11- 44	4-16	
Western Tussock Moth	11- 44	4-16	
Fruit Tree Leafroller	11- 44	4-16	
Mimosa Webworm	11- 44	4-16	
Redhumped Caterpillar	5- 32	2-12	
Fall Webworm	5- 22	2- 8	
Pine Butterfly	16- 64	6-24	