

275-54

04/25/1995

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Vectobac TP
Master Label
6/30/93
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VECTOBAC^R
BIOLOGICAL LARVICIDE
TECHNICAL POWDER

ACCEPTED
with COMMENTS
in EPA Letter Dated

APR 24 1995

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
amended, for the pesticide
registered under EPA Reg. No.

EPA 275-54

FOR MANUFACTURING USE ONLY

Active Ingredient:

Bacillus thuringiensis, subspecies israelensis fermentation solids
and solubles, 5000 International Toxic Units (ITU) per milligram
(Equivalent to 2.275 Billion ITU per pound of undiluted
powder).....100%

DENSITY
N/A

KEEP OUT OF REACH OF CHILDREN

CAUTION

EPA Registration No.: 275-54
EPA Est. No: 33762-IA-1

STATEMENT OF PRACTICAL TREATMENT

If in eyes, flush with plenty of water. Get medical attention if
irritation persists.

DIRECTIONS FOR USE

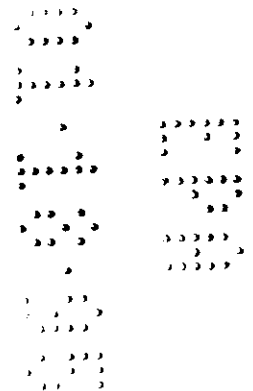
It is a violation of federal Law to use this product in a manner
inconsistent with its labeling.

STORAGE AND DISPOSAL

Do not contaminate potable water, food or feed by storage or
disposal.

STORAGE: Store tightly closed containers in a cool, dry place.

PESTICIDE DISPOSAL: Wastes resulting from use of this product may be
disposed of on site or at an approved waste disposal facility.



CONTAINER DISPOSAL: Do not reuse liner or drum. Completely empty liner by shaking and tapping the bottom to loosen clinging particles. Empty residue into manufacturing equipment. Then dispose of liner in a sanitary landfill or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke. Perforate or crush drum and dispose of in the same manner.

Vectobac Technical Powder must be diluted before application by suitable aerial or ground equipment at a suggested rate range* of 0.455 to 0.91 billion ITUs per acre for usual mosquito habitats and 0.91 to 1.82 billion ITUs per acre on polluted water, sewage lagoons, etc.

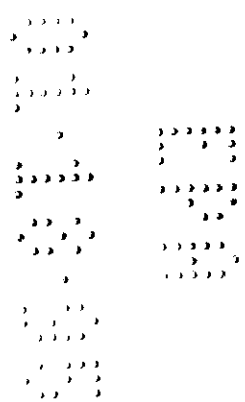
*Use higher rate when late 3rd or 4th instar larvae predominate, mosquito populations are high, water is heavily polluted, and/or algae are abundant.

A 7 to 14 day interval between applications should be employed.

GENERAL GRANULATION DIRECTIONS

Rotating Type Mixer:

1. Place suitable diluent, such as sand, in rotating type mixer (cement mixer, ribbon blender, or equivalent).
2. Add Golden Bear-1356¹ or Golden Bear-1111¹ while mixer is running (GB-1356 and GB-1111 may be sprayed on or gradually poured over sand; spraying is the preferred method instead of pouring).
3. Mix 5 - 10 minutes to insure that sand particles are covered with GB-1356 or GB-1111.
4. While mixer continues to run, add the calculated amount of Vectobac Technical Powder (as shown in table below). Continue mixing 15 - 30 minutes or until sand granules are uniformly coated with Vectobac Technical Powder.



A typical blend would consist of:

Materials	%W/W	Based on 100 lbs. sand	Based on 100 lbs. final product
Vectobac Technical Powder	4.00	4.3 lbs.	4.0 lbs.
GB-1356 ¹ or GB-1111 ¹	1.3 - 1.5*	24 oz. - 28 oz.	23 oz. - 26 oz.
Sand (Washed/ dry)	<u>94.7 - 94.5</u>	<u>100 lbs.</u>	<u>94.7 - 94.5 lbs.</u>
	100%	105.68 - 105.9 lbs.	100 lbs.

¹GB 1356 and GB 1111 are available from Golden Bear Division, Witco Chemical Corporation.

*Use 1.3% GB-1356 or GB 1111 for fine sand granules 16/30 mesh size and 20/30 mesh size. For course sand granules, 10/20 mesh size, use 1.5% of GB 1356 or GB 1111.

Note: It is recommended that a small batch formulation be produced to determine percent GB 1356 or GB 1111 required to give a free-flowing and dust-free granular formulation.

Following preparation of the sand granular formulation, store in a cool, dry place. Storing in sealed containers will help prevent drying out of the sand granules.

END-USE PRODUCT APPLICATION DIRECTIONS

Mosquitoes Habitat

(Such as the following examples):

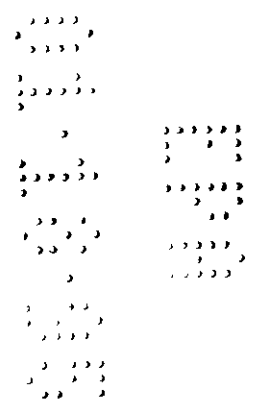
Suggested
Rate Range*

Irrigation ditches, roadside ditches, flood water, standing ponds, woodland pools, snow melt pools, pastures, catch basins, storm water retention areas, tidal water, salt marshes and rice fields.

5 - 10 lbs./acre

In addition, standing water containing mosquito larvae in fields growing alfalfa, almonds, asparagus, corn, cotton, dates, grapes, peaches and walnuts, may be treated at the recommended rates.

Do not apply directly to treated, finished drinking water reservoirs or drinking water receptacles.



*Use 10 - 20 lbs./acre when late 3rd and early 4th instar larvae predominate, mosquito populations are high, water is heavily polluted, (sewage lagoons, animal waste lagoons) and/or algae are abundant.

NOTICE TO USER

Seller makes no warranty, expressed or implied, of merchantability, fitness or otherwise concerning the use of this product other than as indicated on the label. User assumes all risks of use, storage or handling not in strict accordance with accompanying directions.

For information, call:
1-800-323-9597

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