

BIOLOGICAL LARVICIDE

LIST NO. 5620 01

VECTOBAC® TECHNICAL POWDER

Active Ingredient:

Bacillus thuringiensis, Serotype H-14, fermentation solids and solubles,
5000 International Toxic Units of Potency per mg. (Equivalent to 2.275 Billion International Toxic
Units per pound of undiluted powder) 100%

FOR MANUFACTURING USE ONLY

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

STORAGE AND DISPOSAL: Do not contaminate water, food, or feed by storage or disposal.
STORAGE: Store tightly closed containers in a cool, dry place.
PESTICIDE DISPOSAL: Wastes resulting from the 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 sides and 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.

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

EPA Registration No. 275-54

EPA Est. No. 33762-IA-1

Net Contents: 25 lbs. Lot No.



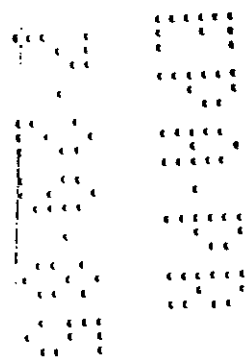
Chemical and Agricultural Products Division
Abbott Laboratories
North Chicago, Illinois 60064

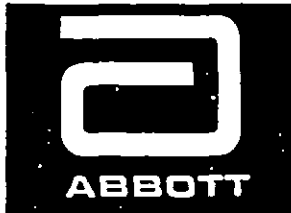
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ACCEPTED

OCT 3 1985

Unit: and Insecticide.
Fungicide B. thuringiensis H-14
as a a biopesticide.
each for
EPA Reg. No. 275-54





(Supplemental Label)
List 5620

VECTOBAC® Technical Powder
EPA Reg. No. 275-54

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 ITU's per acre for usual mosquito habitats and 0.91 to 1.82 billion ITU's per acre in polluted water, sewage lagoons, etc.

* Use higher rate when 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. Where non-target aquatic invertebrate parasites and predators are present, longer periods of suppression may result since these beneficials would be conserved to aid in mosquito population management.

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 Pear 1356¹ while mixer is running (GB 1356 may be sprayed on or gradually poured over sand; spraying is the preferred method instead of pouring).
3. Mix 5-10 minutes to ensure that sand granules are covered with GB 1356.
4. While mixer continues to run, add the calculated amount of VECTOBAC-TP (as shown in the table below). Continue mixing 15-30 minutes or until sand granules are uniformly coated with VECTOBAC-TP.

A typical blend would consist of:

Materials	% W/W	Based on 100 lbs. sand	Based on 100 lb. final product
VECTOBAC Technical Powder	4.0	4.3 lbs.	4.0
GB 1356 ¹	1.3—1.5	1pt. 8 oz.—1 pt. 12 oz.	1pt. 7 oz.—1 pt. 10 oz.
Sand (washed/dry)	94.7—94.5	100 lbs.	94.7—94.5 lbs.
	100%	105.68—105.9 lbs.	100 lbs.

¹GB 1356 is available from Golden Bear Division, Witco Chemical Corporation.

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

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

APPLICATION DIRECTIONS

Mosquitoes Habitat

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

Suggested Rate Range*
5-10 lbs/acre

* 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.



Chemical and Agricultural Products Division
Abbott Laboratories, North Chicago IL 60064

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U.S. Environmental Protection Agency
Fungicide, Insecticide, and Plant Growth Regulator
EPA Reg. No. 275-54

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