

PM 92

275-134

10/27/98

P 187

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Biopesticides and Pollution Prevention Division
(7511C) 401 M St., S.W.
Washington, D.C. 20460

EPA Reg. Number: 275-134

Date of Issuance: OCT 27 1998

NOTICE OF PESTICIDE:
[x] Registration
Reregistration

Term of Issuance: Conditional

Name of Pesticide Product: VectoBac WDG Biological Larvicide

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Abbott Laboratories
1401 Sheridan Road, Dept. 28R, Bldg. A1
North Chicago, IL 60064-4000

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Biopesticides and Pollution Prevention Division prior to use of the label in commerce.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that you:

(1) Submit and/or cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.

(2) Make the labeling changes below before you release the product for shipment:

a. Add the phrase "EPA Registration Number 275-134"

see page 3

Signature of Approving Official:

Date:

OCT 27 1998

Handwritten signature and "see page 3"

EPA Form 8570-6

CONCURRENCES

Table with columns for SYMBOL, SURNAME, and DATE. Handwritten entries: SYMBOL 7511C, SURNAME Reynolds, DATE 10/26/98.

b. Under the heading "Hazards to Humans and Domestic Animals," add the following statements: "CAUTION: Harmful if inhaled. Avoid breathing dust. Remove contaminated clothing and wash before reuse. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling."

c. Add the heading "Statement of Practical Treatment" under the heading "Hazards to Humans and Domestic Animals" and add the following statements: "IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention. IF IN EYES: Flush eyes with plenty of water. Call a physician if irritation persists."

d. Under the heading "Hazards to Humans and Domestic Animals," add the following statement: "As a general precaution when exposed to potentially high concentrations of living microbial products such as this, all mixer/loaders and applicators not in enclosed cabs or aircraft must wear a dust/mist filtering respirator meeting NIOSH standards of at least N-95, R-95, or P-95."

e. Move the statement "Do not apply directly to treated, finished drinking water reservoirs or drinking water receptacles" from the heading "Directions for Use" to the heading "Environmental Hazards" under "Precautionary Statements."

f. Under the heading "Aerial Application," add the following statements: "Avoiding spray drift at the application site is the responsibility of the applicator. The interaction of many equipment-and-weather-related factors determine the potential for spray drift. The applicator and the grower are responsible for considering all of these factors when making decisions."

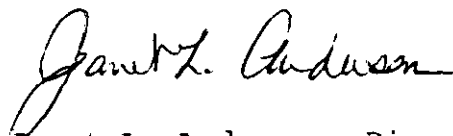
(3) Submit five (5) copies of your final printed labeling before release of the product for shipment.

If these conditions are not complied with, the registration will be cancelled in accordance with FIFPA section 6(e). Your release for shipment of the product constitutes acceptance of

these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely,



Janet L. Andersen, Director
Biopesticides and Pollution
Prevention Division (7511C)

Enclosure

VectoBac® WDG

Biological Larvicide

Active Ingredient:

Bacillus thuringiensis, subsp. *israelensis*, 3000 International Toxic Units (ITU) per mg*.....3.0%

Inert Ingredients.....97.0%

Total.....100.0%

*(Equivalent to 1.36 billion ITU/lb.)

KEEP OUT OF REACH OF CHILDREN

CAUTION

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

EPA Reg. No. 275-*RGU*
EPA Est. No.

Net Contents:

ACCEPTED
with COMMENTS
In EPA Letter Dated

10/27/98

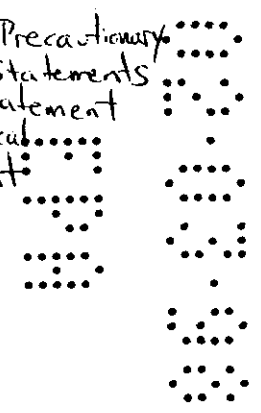
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
275-134

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

← Add Dust Mask Statement
← Add Precautionary Statements
← Add statement of Practical Treatment



ENVIRONMENTAL HAZARDS :

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

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply directly to treated finished drinking water reservoirs or drinking water receptacles.

move to Environmental Hazards under Precautionary Statements

Chemigation

Do not apply this product through any type of irrigation system.

STORAGE AND DISPOSAL

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

Storage: Store in cool [59-86°F (15-30°C)], 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: Triple rinse (or equivalent). Then puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

APPLICATION DIRECTIONS

Do not apply when wind speed favors drift beyond the area of treatment.

Mosquito Habitat

(Such as the following examples):

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

Suggested Rate Range*

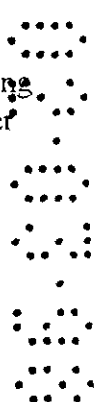
1.75 - 7.0 oz/acre
(50 - 200g/acre)
(125 - 500 g/ha)

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

When applying this product to standing water containing mosquito larvae in fields growing crops, do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

Polluted water
(such as sewage lagoons, animal waste lagoons)

7.0 - 14.0 oz/acre
(200 - 400 g/acre)
(0.5 - 1.0 kg/ha)



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

SMALL QUANTITY DILUTION RATES

**Gallons Spray Mixture/Acre
(Ounces Needed per Gallon of Spray)**

VectoBac WDG

Rates in		Final concentration, ounces/gallon spray		
Ounces/Acre	Grams/A	10 Gal/A	25 Gal/A	50 Gal/A
1.75	50	0.175	0.07	0.04
3.5	100	0.35	0.14	0.07
7	200	0.7	0.28	0.14
14	400	1.4	0.565	0.28

GROUND AND AERIAL APPLICATION

VectoBac WDG may be applied in conventional ground or aerial application equipment with quantities of water sufficient to provide uniform coverage of the target area. The amount of water will depend on weather, spray equipment, and mosquito habitat characteristics. Do not mix more VectoBac WDG than can be used in a 72 hour period.

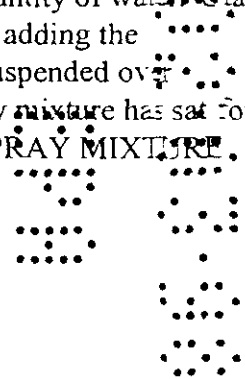
For most ground spraying, apply in 5-100 gallons of water per acre using hand-pump, airblast, mist blower, etc., spray equipment.

For aerial application, VectoBac WDG may be applied or diluted with water. Apply 1.75-14.0 oz/acre (50-200 g/acre) of VectoBac WDG through fixed wing or helicopter aircraft equipped with either conventional boom and nozzle systems or rotary atomizers at a convenient dilution.

For diluted application, fill the mix tank or plane hopper with the desired quantity of water. Start the mechanical or hydraulic agitation to provide moderate circulation before adding the VectoBac WDG. VectoBac WDG suspends readily in water and will stay suspended over normal application periods. Brief recirculation may be necessary if the spray mixture has sat for several hours or longer. **AVOID CONTINUOUS AGITATION OF THE SPRAY MIXTURE DURING SPRAYING.**

Rinse and flush spray equipment thoroughly following each use.

ADD: Spray drift statement



NOTICE TO USER

Seller makes no warranty, express or implied, of merchantability, fitness or otherwise concerning 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.

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