

PM91

275-135

6/8/99

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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:
275-135

Date of Issuance:

JUN - 8 1999

NOTICE OF PESTICIDE:

X Registration
 Reregistration

under FIFRA, as amended

Term of Issuance:

Name of Pesticide Product:

VectoLex WDG
Biological Larvicide

Name and Address of Registrant (include ZIP Code)

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

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. In any correspondence on this product always refer to the above EPA registration number.

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. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to the use of it has been covered by others.

This registration does not eliminate the need for continual reassessment of the pesticide. If EPA determines at any time, that additional data are required to maintain in effect an existing registration, the Agency will require submission of such data under section 3(c)(2)(B) of FIFRA.

This product is registered in accordance with FIFRA section 3(c)(5) and is subject to the following terms and conditions:

1. Make the following modifications to your label before your release your product for shipment:
 - a) Add the phrase "EPA registration No. 275-135."

Enclosure

Signature of Approving Official

Date:

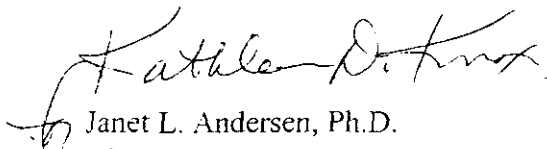
(See second page)

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2. Submit five(5) copies of the revised final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

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

Sincerely,



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

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VectoLex® WDG

Biological Larvicide

Active Ingredient:

| | |
|--|------------|
| <i>Bacillus sphaericus</i> Serotype H5a5b, Strain 2362 dried concentrate | 51.2% w/w |
| Inert Ingredients..... | 48.8% w/w |
| Total..... | 100.0% w/w |

Potency: This product contains 650 BsITU/mg or 0.299 Billion BsITU/lb.

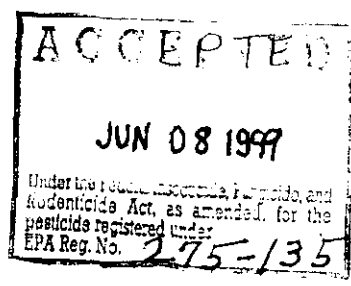
KEEP OUT OF REACH OF CHILDREN

CAUTION

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

EPA Reg. No. 275-
 EPA Est. No. 33762-IA-1

Net Contents:



STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Flush with plenty of water. Call a physician if irritation persists.

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS (AND DOMESTIC ANIMALS)**

CAUTION

Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.

ENVIRONMENTAL HAZARDS

Do not contaminate water when cleaning equipment or 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. Do not apply directly to treated finished drinking water reservoirs or drinking water receptacles.

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.

I. For control of mosquito larvae species* in the following non-crop sites.

Habitats

Rate Range

Wastewater:

.5-1.5 lbs/acre
(8oz-24oz/acre)

Sewage effluent, sewage lagoons, oxidation ponds, septic ditches, animal waste lagoons, impounded wastewater associated with fruit and vegetable processing

Stormwater/Drainage Systems:

.5-1.5 lbs/acre
(8oz-24oz/acre)

Storm sewers, catch basins, drainage ditches, retention, detention and seepage ponds

Marine/Coastal Areas:

.5-1.5 lbs/acre
(8oz-24oz/acre)

Salt marshes, mangroves, estuaries

Water Bodies:

.5-1.5 lbs/acre
(8oz-24oz/acre)

Natural and manmade aquatic sites such as lakes, ponds, rivers, canals and streams

Dormant Rice Fields:

.5-1.5 lbs/acre
(8oz-24oz/acre)

Impounded water in dormant rice fields (For application only during the interval between harvest and preparation of the field for the next cropping cycle)

II. For control of mosquito larvae species* in agricultural/crop sites where mosquito breeding occurs.

Habitats

Rate Range

Rice, pastures/hay fields, orchards, citrus groves, irrigated crops.

.5-1.5 lbs/acre
(8oz-24oz/acre)

Use higher rates (1 to 1.5 lbs acre) in areas where extended residual control is necessary, or in habitats having deep water or dense surface cover.

Apply uniformly by aerial or conventional ground equipment. Reapply as needed after 1-4 weeks.

*Mosquito species effectively controlled by VectoLex WDG.

| | |
|---------------------------|----------------------------------|
| <i>Culex spp.</i> | <i>Psorophora columbiae</i> |
| <i>Aedes vexans</i> | <i>Psorophora ferox</i> |
| <i>Aedes melanimon</i> | <i>Aedes triseriatus</i> |
| <i>Aedes stimulans</i> | <i>Aedes sollicitans</i> |
| <i>Aedes nigromaculis</i> | <i>Anopheles quadrimaculatus</i> |
| | <i>Coquillettidia perturbans</i> |

GROUND AND AERIAL APPLICATION

VectoLex 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 VectoLex 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, VectoLex WDG may be applied or diluted with water. Apply 6.4-25.6 oz acre (180-720 g/acre) of VectoLex 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 VectoLex WDG. VectoLex 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.

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.