

U.S. ENVIRONMENTAL PROTECTION AGENCY  
OFFICE OF PESTICIDES PROGRAMS  
REGISTRATION DIVISION (75-767)  
WASHINGTON, DC 20460

EPA REGISTRATION NO.  
56984-2

DATE OF ISSUANCE  
8/8/91

TERM OF ISSUANCE

Unconditional Registration

NAME OF PESTICIDE PRODUCT

Legenidium Giganteum Mycelium

NOTICE OF PESTICIDE:  REGISTRATION  
 REREGISTRATION

(Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended)

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Environmental Management Branch  
Department of Health Services  
714/744 P Street  
Sacramento, CA 95814

395323/1  
116/17

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. 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.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this 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 its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA section 3(c)(5), you have agreed to the provisions in our letter of February 6, 1991.

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

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

Enclosure

**BEST AVAILABLE COPY**

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

*William S. Nelson for Phil Hutton*

DATE

8/8/91

EPA Form 8570-6 (Rev. 5-76)

PREVIOUS EDITION MAY BE USED UNTIL SUPPLY IS EXHAUSTED.

57970:I:Nelson:L17-7:KEVRIC:05/02/91:05/29/91:CL:wo:aw

2 of 3

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**HAZARDS TO HUMANS:**

Avoid inhalation or contact with eyes or open wounds.

**DISPOSAL PRECAUTIONS:**

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or public waters unless this product is specifically identified and addressed in an NPDES permit. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA. 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 labelling.

**STORAGE AND DISPOSAL**

**STORAGE:**

Store in the dark at 12-18°C prior to application. Keep out of direct sunlight. Do not expose to organic compounds known to be toxic to metabolically active microorganisms. Avoid puncturing, rupturing, or rough handling of container such that moisture loss occurs. Keep lid tightly closed. Transfer fungus from damaged containers to prevent loss of viability. Do not use more than 2 weeks after purchase.

**DISPOSAL:**

Do not contaminate water, food, or feed by storage or disposal. Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility. Triple rinse plastic container with detergent and water. Then offer for recycling or reconditioning, or dispose of in a sanitary landfill, or incineration, if allowed by state and local authorities, by burning. If burned, stay out of smoke. See disposal precautions listed above.

**APPLICATION RATES**

**MOSQUITO LARVAE** - Apply 9 to 180 fluid oz./acre (0.7 to 13.3 liters/hectare). Lower rates (9 to 20 fluid oz./acre) are to be used in habitats conducive to epizootics, i.e. moderate populations of highly susceptible mosquito species in fresh, unpolluted water, temperature range 19-30°C. Most treatments will require 20 to 80 fl.oz./acre (1.5 to 5.7 liters/hectare). Use rates greater than 80 fl. oz./acre in mosquito habitats supporting less susceptible species, very high densities of larvae, and in habitats with environmental characteristics which are marginal for fungal activity, i.e., moderate salinity or organic content.

**MIX** with clean water to obtain appropriate dilutions for spray application. Holding tanks must be constantly agitated to maintain a uniform suspension of fungal cells.

**GRANULAR PREPARATIONS** can be prepared on site for areas with dense vegetation or when granular application is preferred for other reasons. Coat a carrier (sand, corn grits) with vegetable oil or other non-toxic binding agents and mix with the fungus. Use formulated granules within 1 week after preparation.

**LAGENIDIUM GIGANTEUM MYCO**

Aqueous Suspension for Control of Mosquito

**ACTIVE INGREDIENTS:**

*Lagenidium giganteum (California strain) mycelium*

**INERT INGREDIENTS:**

Water

\* % composition by weight

**CAUTION: KEEP OUT OF REACH OF CHILDREN**

Contains  $10^{10}$  CFU/Liter

MFG BY \_\_\_\_\_

EPA REGISTRATION NO. 56984 - E

NET CONTENTS: 2.2 LITER

NOT FOR SALE OR DISTRIBUTION AFTER DECEMBER 30, 1992.

NOT FOR USE AFTER DECEMBER 30, 1992.

**STATEMENTS**  
**DOMESTIC ANIMALS**

or open wounds.

his product into lakes, public waters unless this addressed in an NPDES taining this product to fying the sewage treatment t your State Water Board contaminate water when

**FOR USE**

his product in a manner

**DISPOSAL**

pplication. Keep out rganic compounds known roorganisms. Avoid ing of container such htly closed. Transfer revent loss of viability. rchase.

id by storage or disposal. uct may be disposed of sal facility. Triple rinse ater. Then offer for s of in a sanitary landfill. l local authorities, by

**RATES**

fluid oz./acre (0.7 to 13.3 fluid oz./acre) are to be ce, i.e. moderate populations s in fresh, unpolluted water. atments will require 20 to 30 e rates greater than porting less susceptible and in habitats with re marginal for funnal nic content.

rate dilutions for spray constantly agitated to gel cells.

prepared on site for areas et application is preferred s, corn grite) with ig agents and mix with the in 1 week after preparation.

# LAGENIDIUM GIGANTEUM MYCELIUM

## Aqueous Suspension for Control of Mosquito Larvae

**ACTIVE INGREDIENTS:**

<i>Lagenidium giganteum (California strain) mycelium</i>	40%	*
--	-----	---

**INERT INGREDIENTS:**

Water	60%	
	100%	

\* % composition by weight

**CAUTION: KEEP OUT OF REACH OF CHILDREN**

Contains  $10^{10}$  CFU/Liter

MFG BY \_\_\_\_\_

EPA REGISTRATION NO. 56984 - E

NET CONTENTS: 2.2 LITERS

**NOT FOR SALE OR DISTRIBUTION AFTER DECEMBER 30, 1992.**

**NOT FOR USE AFTER DECEMBER 30, 1992.**

**BEST AVAILABLE COPY**

**BREEDING SITES APPROPRIATE FOR TREATMENT**

Sites appropriate for treatment include all freshwater mosquito breeding sites subject to restrictions outlined on this label.

**SPECIFIC SITES**

*Drainage ditches -*  
Do not use this product if water is stagnant or flowing faster than 5 meters/min.

*Flood Plains -*  
Since these sites are invariably associated with floodwater mosquitoes, the higher application rates are recommended.

*Wildlife ponds -*  
Application rates will depend upon the species present, with floodwater species requiring higher application rates. Do not use this product in sites with excessive organic content.

*Tires, miscellaneous small containers -*  
These sites should be treated with the minimal amount possible due to the small volume of water present.

*Margins of rivers and streams -*  
These sites are to be treated only in quiescent areas, i.e. with a flow not exceeding 5 meters/min.

*Marshes -*  
Do not treat marshes which are stagnant, rich in organic matter, or have a high salt content.

**NOTE**

**THIS PRODUCT IS NOT CURRENTLY REGISTERED FOR USE ON FOOD CROPS.**

**SUSCEPTIBLE GENERA**

Mosquito species in the following genera have been shown to be susceptible to infection by

*Lagenidium giganteum:*

*Aedes, Anopheles, Coquillettidea, Culex, Culiseta, Deinocerites, Eretmapodites, Haemagogus, Mansonia, Opifex, Orthopodomyia, Psorophora, Sabethes, Uranotaenia, and Wyeomyia.*

ACCEPTED  
with COMMENTS  
in EPA REGISTRY

AUG 08 1991

Under the Federal Insecticide, Fungicide, and Rodenticide Act, amended, for the purposes registered under EPA Reg. No. 56984-2