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MAR 10 1993

Dr Don J. Wormeldorf
Environmental Management Branch
California Department of Health Services
601 N 7th St./ P. O. Box 942732
Sacramento, California 94234-7320

Dear Dr. Wormeldorf:

subject: Lagenidium Giganteum Mycelium + Oospores
EPA Reg. No. 56984-1
Your amendment of May 14, 1992

The amendment referred to above, submitted in connection with registration under FIFRA section 3(c)(7)(A) is acceptable provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Submit five (5) copies of your final printed labeling before you release the product for shipment.

If these conditions are not compiled with, the registration will be subject to cancellation in accordance with FIFRA 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 yours,



Phil Hutton
Product Manager (18)
Insecticide-Rodenticide Branch
Registration Division (H7505C)

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PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
HAZARDS TO HUMANS:
 Avoid inhalation or contact with eyes or open wounds.
ENVIRONMENTAL HAZARDS:
 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 labeling.

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, repairing, or rough handling of container such that leakage 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 procedures listed above.

APPLICATION RATES
MOSQUITO LARVAE - Apply 8 to 168 fluid oz./acre (0.7 to 13.3 liters/hectare). Lower rates (8 to 28 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 18-28°C. Most treatments will require 28 to 80 fl.oz./acre (1.8 to 5 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, organic content.
 MIX with clean water to obtain appropriate dilutions for spray applications. Holding tanks must be continuously agitated to maintain a uniform suspension of fungal cells.

LAGENIDIUM GIGANTEUM MYCELIUM + OOSPORES
Aqueous Suspension for Control of Mosquito Larvae

ACTIVE INGREDIENTS:

| | | |
|--|------|---|
| <i>Lagenidium giganteum (California strain) mycelium</i> | 34% | * |
| <i>Lagenidium giganteum (California strain) oospores</i> | 6% | |
| INERT INGREDIENTS: | | |
| Water | 60% | |
| | 100% | |

* % composition by weight

CAUTION:
KEEP OUT OF REACH OF CHILDREN
 See additional precautionary statements on side panel.

Contains 10¹⁰ CFU/Kilogram
 Registered by: Environmental Management Branch
 California Department of Health Services
 601 No. 7th Street / P.O. Box 942732
 Sacramento, California 94234-7320
 PRODUCING ESTABLISHMENT NO. 65612-WA-001
 EPA REGISTRATION NO. 56984 - 1
 NET CONTENTS: 1 KILOGRAM

BREEDING SITES FOR TREATMENT
 Sites appropriate for treatment of breeding sites subject to re-treatment.
SPECIFIC USES:
Drainage ditches - Activity of this product may be flowing faster than 5 meters/hour.
Flood Plains - Higher application rates should be used in high larval densities.
Wetlands ponds - Excessive organic content in product.
Tires, miscellaneous areas - These sites should be treated.
Margins of rivers and streams - For optimal results treat quickly with flows not exceeding 5 m/s.
Marshes - Activity of this product may be reduced in stagnant, organically rich, or

SPECIFIC USES:
 Rice (Commercial & wild) Soybean fields Irrigated pastures
 NOTE: DO NOT USE ON A OTHER THAN THOSE

SUSCEPTIBLE SPECIES:
 Mosquito species in the following susceptible to infection by *Lagenidium giganteum*:
Aedes, Anopheles, Coquimboides, Deinocerites, Eretmapodites, Mansonia, Opiter, Orthopodomyia, Psephenodes, Uranotaenia,

ACCEPTED with COMMENTS in EPA Letter Dated

MAR 10 1993

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 56984-1

BEST AVAILABLE COPY

