

2724-451

12/01/1998

[Indicates optional text]

# Zoecon 9010 GR

AN INSECT GROWTH REGULATOR [EXTENDED RESIDUAL GRANULAR PRODUCT] TO PREVENT ADULT MOSQUITO/MIDGE EMERGENCE

|   |              |
|---|--------------|
| ACTIVE INGREDIENT: (S)-Methoprene (CAS #65733-16-6) | 1.5%         |
| OTHER INGREDIENTS:                                  | <u>98.5%</u> |
| Total   | 100.0%       |

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

Best if used by:

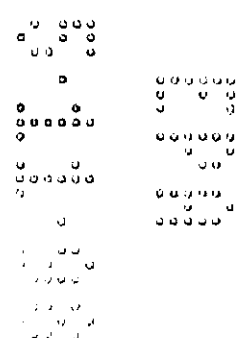
Lot No.:

Net Weight:

**ACCEPTED**

DEC 01 1998

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 2724-451



**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS - CAUTION:** Avoid contact with skin or eyes. Due to the size and abrasiveness of the granule, use protective eyewear and clothing to minimize exposure during loading and handling.

**FIRST AID:** In case of contact, immediately flush eyes or skin with plenty of water. Get medical attention if irritation persists.

**ENVIRONMENTAL HAZARDS**

This product is toxic to aquatic dipteran (mosquitoes) and chironomid (midges). Using it in a manner other than that described by the label could result in harm to aquatic dipteran (mosquitoes) and chironomid (midges). Do not contaminate water when disposing of rinsate or equipment washwaters.

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

**GENERAL DIRECTIONS:** Zoecon 9010 GR releases effective levels of ALTOSID® insect growth regulator for up to 21 days after application. Applications should be continued throughout the entire season to maintain adequate control. Treated larvae continue to develop normally to the pupal stage where they die.

Rotary and fixed-wing aircraft equipped with granular spreaders capable of applying rates listed below may be used to apply Zoecon 9010 GR. Ground equipment which will achieve even coverage at these rates may also be used. Apply Zoecon 9010 GR uniformly and repeat application as necessary.

**NOTE:** ALTOSID insect growth regulator has no effect on mosquitoes/midges which have reached the pupal or adult stage prior to treatment.

**APPLICATION TIME:** Apply Zoecon 9010 GR at any stage of larval mosquito/midge development. Granules may be applied prior to flooding (i.e., "pre-hatch" or "pre-flood") in areas which flood intermittently. In such areas, one application of Zoecon 9010 GR can prevent adult mosquito/midge emergence from several subsequent floodings. The actual length of control depends on the duration and frequency of flooding events.

**APPLICATION RATES:** *Aedes*, *Anopheles* and *Psorophora* spp.: Apply Zoecon 9010 GR at 5 - 10 lb/acre (5.6 - 11.2 kg/ha). *Culex*, *Culiseta*, *Coquillettidia*, *Mansonia* spp., and *Chironomini* (midges). Apply Zoecon 9010 GR at 10 - 20 lb/acre (11.2 - 22.4 kg/ha). Within these ranges, use lower rates when water is shallow [ $< 2$  feet (60 cm)] and vegetation and/or pollution are minimal. Use higher rates for midges or when water is deep [ $\geq 2$  feet (60 cm)] and vegetation and/or pollution are heavy.

