

BIOPREN[®] M 4.25

MOSQUITO LARVICIDE PELLET



time-release larvicide formulation based on S-Methoprene Insect Growth Regulator (IGR) active ingredient for professional and household use

BIOPREN[®] M 4.25 mosquito larvicide is developed to control mosquito larvae in permanent and semi-permanent aquatic environments. Pellet contains S-Methoprene Insect Growth Regulator (IGR) in combination with non-toxic superabsorbent polymers.

ACTIVE INGREDIENT: 4.25 % S-Methoprene (IGR) insect growth regulator

ADVANTAGES:

- S-Methoprene is biorational active ingredient.
- Enviro-friendly formulation. In nature it decomposes up to 80 % of its content within 6 months without forming any unwanted toxic residue.
- Remains effective for a prolonged period thus reducing the number of treatments.
- The storage, transportation and handling of the pellet formulation are easy.

PHYSICAL AND CHEMICAL PROPERTIES:

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| Appearance: | solid (pellet) |
| Odour: | weak |
| Solubility in water: | dispersible in water |
| Colour: | pale yellow or brownish |
| Size of granules: | 3-4 mm |
| Stability: | stable under usual application conditions spontaneous reaction: not possible |
| Conditions to avoid: | heat, sources of ignition |

GENERAL INFORMATION:

It breaks the mosquito's life cycle by preventing the larvae from becoming biting, breeding adults. S-Methoprene prevents the emergence of adult mosquitoes including Anopheles, Culex, Culiseta, Coquilletidia, and Mansonia sp. as well as those of the floodwater complex, Aedes and Psorophora sp. Larvae treated with methoprene may develop to the pupal stage where they die. It has no effect on mosquitoes which have reached the pupal or adult stage before treatment.

DIRECTION OF USE:

Pellets should be spread evenly on the water surface when first larvae are detected at breeding site or they can be placed on site a few days before it gets flooded. The pellets can be properly spread by hand, backpack blower, cyclone spreader or by fixed wing aircraft or helicopters equipped with granular spreaders.

Application rate of BIOPREN® M 4.25 mosquito larvicide depends on mosquito populations (species and density), the pollution and depth of the water, and the vegetation. When water-pollution is extremely high the given dose may be doubled. The usage always requires special care not to harm other aquatic organism with live water-ecosystem.

Dosage: 5 kg/ha

PACKAGING: 25 kg/drum

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