



Larvicide Products Used by Mosquito Control Program

Granular

VectoLex (*Bacillus sphaericus*)

- Natural bacteria enclosed in corn cob material. The bacteria become wet, which triggers the bacteria to produce crystallized toxins. The larvae ingest the toxin, which then disrupts the digestive tract.
- Used to treat bodies of water with high amounts of organic matter, such as containers, ditches with sewage, low areas, marshes, wetlands, ponds, swimming pools, woodland pools, and tires.
- According to manufacturer, lasts in water for up to 30 days.

Briquettes

Altosid (S-methoprene)

- Insect growth regulator. Larvae ingest chemical and develop into pupae, but die in this stage.
- Used to treat containers, inaccessible swimming pools and spas, and tires.
- There are 30-day and 150-day products.

Monomolecular Surface Film

Agnique (Ethoxylated Alcohol)

- Monomolecular surface film does not allow mosquito larvae to hang at the surface of the water to breathe oxygen, which causes the larvae to drown. When adults emerge from the pupal stage, they sit on the surface of the water to let their wings dry. The film does not allow the adults to do this, which causes drowning.
- Used to treat bodies of water, such as containers, ditches, low areas, marshes, wetlands, swimming pools, woodland pools, and tires.
- Persists on water surface for at least 24 hours and at most 48 hours. Degrades in sunlight.