

LOSSQUITO

Microbiological larvicide for mosquito and blackfly control.
Bacillus thuringiensis var. *Israelensis*, 1,200 International units (ITU) per milligram.



- Spectrum of effectivity: Mosquitoes (culicidae) including *Culex*, *Aedes*, *Culiseta* and *Anopheles* and against blackflies (simuliidae)
- Specially formulated to give optimal performance and long shelf life (over one year)
- Quick efficacy: between 1-24 hours
- Environmentally friendly: LOSSQUITO is a totally green microbiological product
- Complex mode of action prevents development of resistance

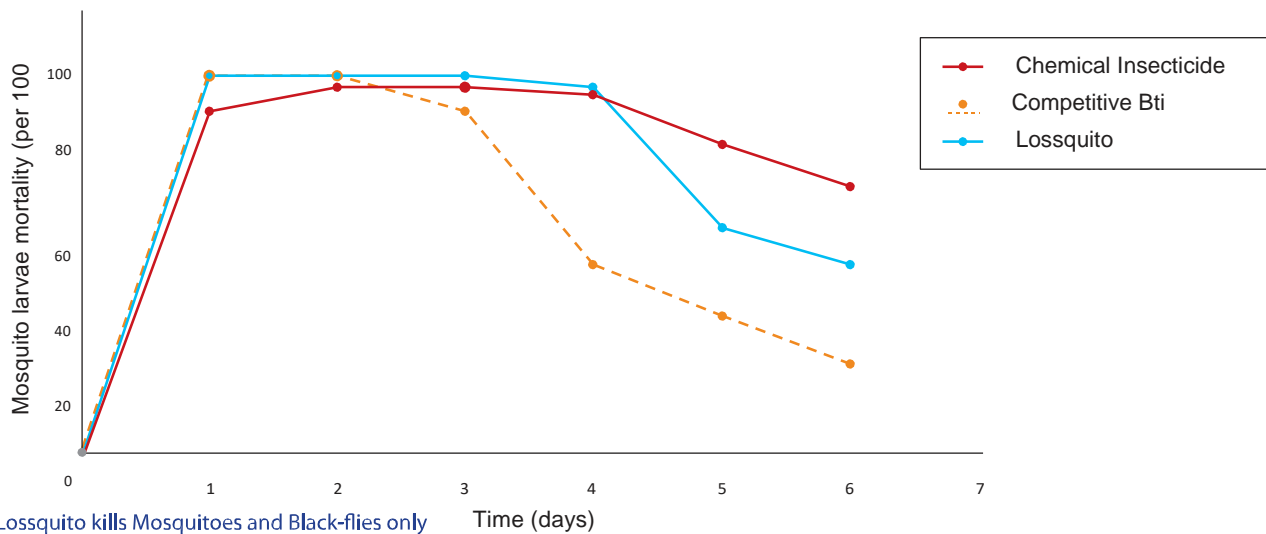


The product is approved for bio-organic agriculture.

LOSSQUITO

- Complies with WHO standards
- Safe for all non-target organisms
- Rapid Knockdown

Field Evaluation: Mortality of Mosquito Larvae in natural pond Ein-Demunit, Israel



Biological pest control is well known for its effectiveness against specific pest insects. It is environmentally friendly and safe for humans and all other non-target organisms. Chemical pesticide on the other hand, despite having

longer field activity than bio-pesticides, are toxic to all organisms, generate resistance in mosquitoes and are a source of numerous human health problems including cancer, skin and eye diseases, mental diseases, respiratory diseases, etc.



Mode of Action

1. When applied to water bodies where mosquito larvae grow, the protein crystals disperse in the water and the larvae feed on them, together with their natural feed. In the alkaline larvae gut, under specific enzyme action, the protein crystals are activated and become toxic.
2. The toxin binds to specific gut cell receptors, leading to rupture of the gut by osmo-regulatory effects.
3. Thus, the mosquito larvae die within minutes to hours. All other organisms are not sensitive to Bti and are safe due to their different digestive systems.

