

Trouble Shooting:

[What do Mosquito Bits® do? *Collapse*](#)

Mosquitoes lay their eggs in standing water, or an area known to flood. While the adult mosquito is a typical six legged, four winged, flying insect pest, their **larvae only survive in an aquatic environment**. Mosquito Bits® are a **microbial larvicide**, which means that utilizing a bacterial active ingredient and controls only the larval stage of development. When applied to **standing water** the Bit's release a natural soil borne bacterium, **Bti (*Bacillus thuringiensis* subspecies *israeliensis*)**. This bacteria is ingested by the mosquito larvae within the water and soon after **kills the mosquito larvae with no effect on anything else**. Unlike the Mosquito Dunks® the Mosquito Bits were designed to release all of its Bti at the time of application. This feature is what has made it useful in the control of fungus gnats in addition to mosquitoes, as the Bti is easily released from the corn cob granule with water to be provided to the gnat larvae in the soil. It is the same formulation applied by professional mosquito abatement programs to sensitive habitats such as salt marshes and estuaries, it easily penetrates vegetation, and can reach fragmented, difficult to treat sites such as bromeliad "pitchers", and hoof prints spread out over a pasture.

The BTI in Mosquito Bits® also provides an extremely fast and effective way to quickly kill large populations of mosquito larvae. When spread on standing water where mosquitoes breed, Mosquito Bits® granules release a biological mosquito larvicide at the water's surface. As the BTI settles in the water, hungry mosquito larvae eat the BTI and die.

[Can Mosquito Bits® be used around animals and pets? *Collapse*](#)

While Mosquito Bits® kill mosquito and fungus gnat larvae in their respective habitats, they are labeled for use in animal watering troughs, ponds, birdbaths, and other areas in which animals and pets will drink and bathe. Mosquito Dunks® and Bits® are also completely harmless to plants, fish, frogs, turtles and beneficial insects. They can be applied to water and soil used with edible plants, fruits and vegetables.

[How long is it effective? *Collapse*](#)

The Bits® will give a quick kill of existing mosquito larvae within 24 hours. You should re-apply every 7 – 14 days for maximum control.