

Earth Alive Clean Technologies develops and manufactures a variety of state-of-the-art microbial technology-based products. We use the latest generation of microbial spores which, once blended with a carrier of other proprietary ingredients, allows us to formulate and patent innovative products that can tackle the most difficult challenges, once only reserved to environmentally harmful chemicals and additives. Above all else, Earth Alive products are some of the most environmentally respectful products manufactured today, and most importantly, our products pass the test of the most stringent environmental standards.

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earthalive BIOPROTECTION

THE MOSQUITO LARVAE CONTROL PRODUCT IS A **NATURAL AND BIODEGRADABLE** MICROBIAL FORMULATION



EARTH ALIVE CLEAN TECHNOLOGIES MOSQUITO LARVAE CONTROL PRODUCT IS SAFE FOR HUMANS AND THE ENVIRONMENT

The Earth Alive Mosquito Larvae Control is a natural and biodegradable microbial formula, specially formulated for the treatment and elimination of mosquito larvae, blackflies, nuisance flies and nuisance aquatic midges present in a variety of habitats.

The MC-1 Earth Alive mosquito larvae control product is laboratory and field proven effective in the elimination of the "Aedes aegypti" mosquito (the yellow fever mosquito) responsible for the transmission of the dengue, chikungunya and zika virus. It is also effective against the "Culex pipiens" (common house mosquito) that play key roles in the transmission of a range of diseases such as Japanese encephalitis, meningitis, urticaria, and West Nile virus.

The MC-1 product contains *Bacillus thuringiensis* microorganisms, combined with other proprietary ingredients that provide insecticidal properties affecting a selective range of insect orders. These live microorganisms are able to stop the growth of mosquitoes, blackfly larvae, and other nuisance flies.



BENEFITS

- Natural and biodegradable microbial formula
- Replaces environmentally harmful chemicals
- Non-toxic to humans and the environment
- Provides highly efficient residual control
- Dissolves easily in water

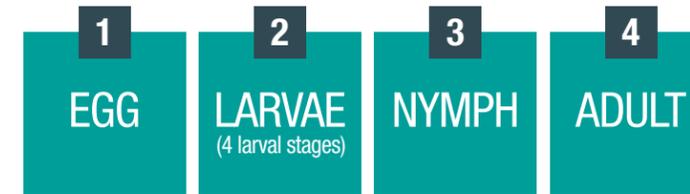
TYPICAL USE

The MC-1 Earth Alive mosquito larvae control is safe for use in aquatic environments, stagnant waters (e.g. marshes, ponds, rain water basins, paddy fields), retained waters (e.g. lakes, irrigation ponds, dams), and humidity zones (e.g. flood zones, parks), for the control of mosquito, blackfly as well as fungus gnats (small, dark, & short-lived flies that commonly develop in the growing medium of houseplants), and nuisance insect larvae. MC-1 is a beige powder concentrate and is easily applied with traditional application equipment.

MOSQUITO CYCLE



Mosquitos have 4 development phases:



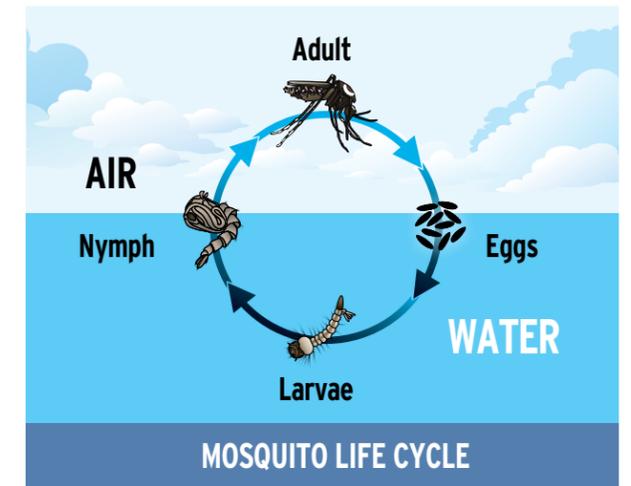
The first three stages are aquatic, and the fourth is aerial. The total duration of this development, which is strongly influenced by temperature, is usually between 5 and 15 days in tropical areas, where the species largest concentrations are found.

LARVAL STAGE (aquatic stage)

Emerging from the egg, a small larva will pass through a succession of 3 metamorphosis, growing in size, and becoming within a few days a 4th stage larva, with a size between 4 and 10 mm, depending of species and development conditions.

HOW MC-1 WORKS

Larvae feed and rest underneath the water surface, where they breed. They feed mostly from phytoplankton, bacterioplankton, microscopic algae and organic material particles in suspension in the nurturing area. Larvae will eat especially at early stages of the life cycle. For this reason, early application of MC-1 in the larvae stages will provide the larvae with the MC-1 food source, which will in return destroy the larvae after it has ingested MC-1.



PRODUCT COMPOSITION

<i>Bacillus thuringiensis</i> (Subspecies Israelensis)	17.14%
Other ingredients	82.86%
Total	100.00%

AVAILABLE PRODUCTS

MC-1 POWDER | MC-2 PUCKS