

WE HAVE A REVOLUTIONARY NEW TECHNOLOGY THAT KILLS MOSQUITOES IN EVERY STAGE OF THEIR LIFE CYCLE!!

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BestPest
E X T E R M I N A T O R S

How does it work?

CALL NOW! 817-617-8010

The In2Care® Mosquito Trap is made of durable plastic and uses water with an odor lure to attract egg-laying *Aedes* mosquitoes. Once inside, mosquitoes contact the specially treated gauze near the water surface and get contaminated with a larvicide and a fungus. We exploit the fact that *Aedes* like to divide their eggs over multiple sites; by letting them fly out of the Trap whilst carrying larvicide on their legs. They transport the larvicide and contaminate several breeding sites around the Trap. In this way, we can kill larvae in small and hard to find breeding sources. The mosquito also gets infected with an insect-specific fungus that kills her before she can spread disease.



A multi-impact tool:

- ✓ Kills all larvae inside the Trap
- ✓ Kills larvae in surrounding breeding sites
- ✓ Kills exposed mosquitoes
- ✓ Stops virus development

An environmentally friendly solution

Insecticide resistance has become a major problem in countries infested by *Aedes* mosquitoes. Area-wide insecticide fogging is still being used but is showing limited efficacy and major impacts on non-target organisms. This necessitates a switch to more sustainable, environmentally friendly vector control. The In2Care® Mosquito Trap is the first Trap that uses a biological control agent to kill mosquitoes. It deploys an US-EPA-approved fungus that kills the mosquito several days after infection and can prevent disease transmission. The Trap larvicide is US-EPA-approved and WHO-recommended for mosquito control and use in drinking water. Both bioactives have short half-lives and pose very low risks for non-target organisms.

In2Care® Mosquito Traps deploy a small dose of bioactive mixture in an enclosed point-source environment that is specifically attractive to mosquitoes. Only tiny amounts of larvicide will get spread to other breeding sites (mostly small man-made containers), which is enough to kill mosquito larvae (as <10 ppb PPF works well) but not enough to cause risk for non-target organisms like fish or mammals. In this way, our Traps offer an effective mosquito control option without drastic use of chemicals in the entire environment.