

In2Care® efficacy against Culex mosquitoes

Practical aspects of In2Care® treatment to control Culex

- 1. For the best control of *Culex*, we recommend to deploy the Station just before the start or early in the season. Service is recommended every 4 weeks (service recommendation for *Aedes* is 4 to 6 weeks).
- 2. When targeting *Culex* it is recommended that an initial barrier treatment be done with approved, non-repellent adulticide.
- 3. Culex mosquitoes can fly much further than Aedes mosquitoes. Thus, the influx of adults from outside the treatment area might be higher. Therefore, an integrated service of In2Care with occasional spraying treatments is recommended.

How does the In2Care Moquito Station work?





EPA approved and effective

against Aedes & Culex mosquitoes



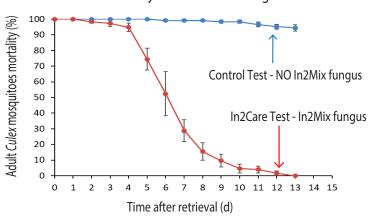




Validated results of In2Care® for the control of Culex mosquitoes

Fungus in the In2Mix® kills >80% of adult *Culex* mosquitoes within in 8 days (1).

Culex Adult Mortality due to In2Mix Fungus Infection



Culex larvae in In2Care Station do not develop into adult mosquitoes. They die as pupae.

Larvicide in In2Mix is effective for *Aedes* and *Culex* mosquitoes: 0% emergence of new mosquitoes from eggs laid inside the Station.

In2Care Station strongly reduces the development & emergence of new mosquitoes in surrounding breeding and resting sites (1,2,3).

Pupae turn dark brown color when they die because of pyriproxyfen



Egg-laying *Culex* mosquitoes are highly attracted to In2Care Station.

 \approx 4x more *Culex* egg rafts in In2Care Station compared to an alternative breeding site (1).







VS



Culex mosquitoes spread larvicide to surrounding breeding sites. This is known as "auto-dissemination" (1,2).



Did you know this about Culex mosquitoes?

- In2Care Station is effective against both Aedes and Culex mosquitoes.
- Culex mosquitoes are present throughout the US.
- Culex mosquitoes may transmit diseases such as West Nile virus and Dog Heartworm.
- Wide range of superior marketing materials available to support your business.



Studies:

- 1. Cage tests for evaluating the attraction and efficacy of In2Care® Mosquito Stations with In2Mix® on Culex quinquefasciatus mosquitoes (In2Care, The Netherlands)
- 2. Semi-field tests for evaluating the attraction, larvicidal efficacy, adulticidal efficacy and auto-dissemination efficacy of In2Care® Mosquito Stations with In2Mix® on Culex quinquefasciatus mosquitoes (University of Florida, United States of America).
- 3. Field Tests on wild Aedes and Culex mosquito populations in San Bernardino County, California (West Valley Mosquito & Vector Control District, United States of America)