

# GAT Trap *(Gravid Aedes Trap)*

Female mosquitoes are attracted by water and oviposition cues and enter the transparent chamber where they are contaminated by insecticides.

The transparent chamber makes it difficult for the mosquitoes to escape and the black mesh screen provides a barrier between mosquitoes and the infusion, as well as retaining dead mosquitoes without damaging them.

There are two possibilities of killing the mosquitoes:

1. A killing agent (e.g. residual surface spray insecticide) can be applied to the inner wall of the translucent chamber to kill mosquitoes through contact (for example; Mortein Outdoor Barrier Surface Spray, imiprothrin 0.3 g/kg and 0.6 g/kg deltamethrin Reckitt Benschkiser Pty Ltd.)
2. In addition to the black mesh screen LLINS (long-lasting insecticide-treated nets) can be placed inside the transparent chamber to kill mosquitoes through contact.

A round LLIN on the bottom of the chamber and a rectangular net wrapped around the black entrance funnel provide good results.

