

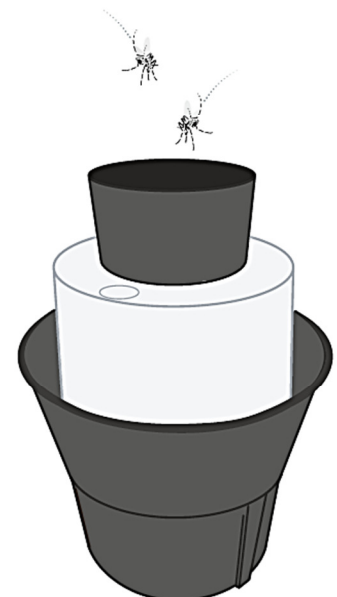


Backyard Tiger Mosquito Control

Stop the next generation
with the BG-GAT trap



- Traps Asian tiger and yellow fever mosquitoes looking for a place to lay their eggs
- Affordable
- No power required
- No pesticides
- Ideal for neighborhood projects



Backyard tiger mosquito control

Biogents BG-GAT (Gravid *Aedes* Trap) is an affordable and easy to use tool that can help you reduce the Asian tiger (*Aedes albopictus*) and yellow fever mosquito (*Aedes aegypti*) population in your backyard.

The trap attracts female Asian tiger and yellow fever mosquitoes that are looking for a place to lay their eggs. It attracts the mosquitoes with water and oviposition cues. In the trap, the mosquitoes are exposed to a sticky surface and die.

The BG-GAT trap

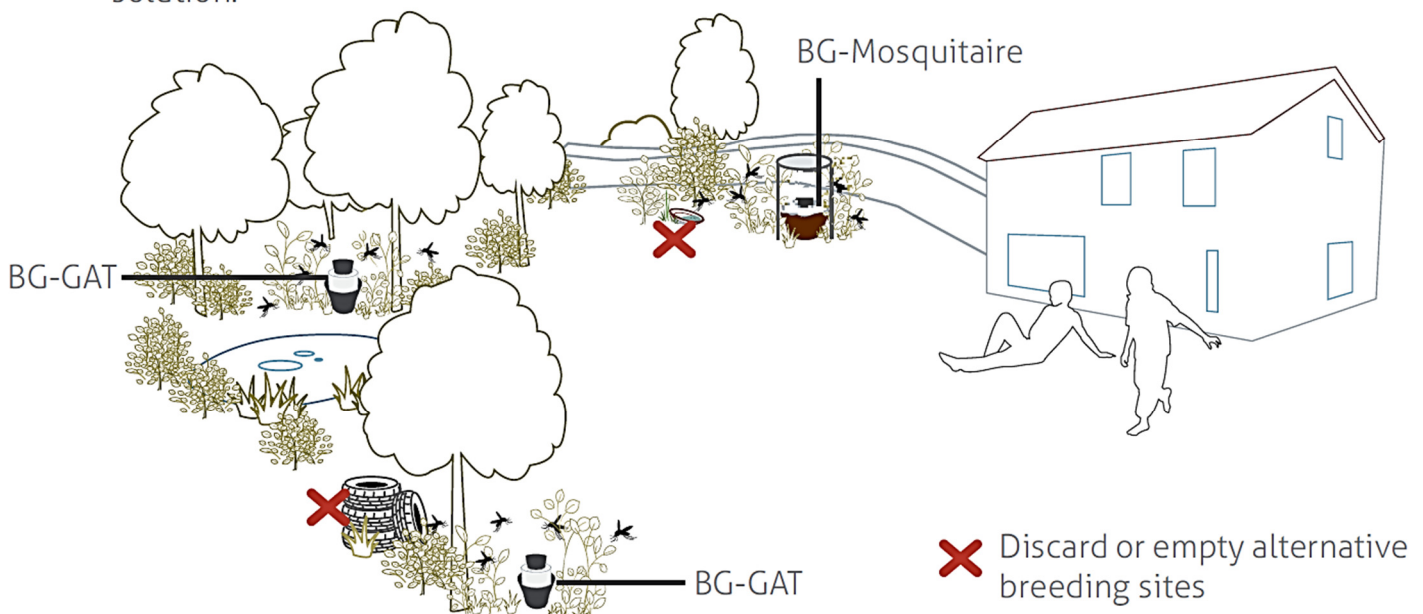
- is affordable
- easy to set up
- needs no power supply
- does not use pesticides

Its affordability and ease of use makes the BG-GAT well-suited for both the individual backyard mosquito control and for neighborhood vector control programs.

The BG-GATs are available in multiples of 2 or 12.

"2 + 1" trap solution

The addition of the BG-Mosquitaire suction trap to the BG-GATs adds another dimension to your control effort: While the BG-GAT targets mosquitoes that are looking for a place to lay their eggs, the BG-Mosquitaire targets mosquitoes that are seeking for a bloodmeal-host. Therefore, the use of 2 BG-GATs in combination with 1 BG-Mosquitaire is the ideal solution:





Placement

The placement of the mosquito trap is an important factor to ensure high catch rates. Therefore, it is best to test different locations!

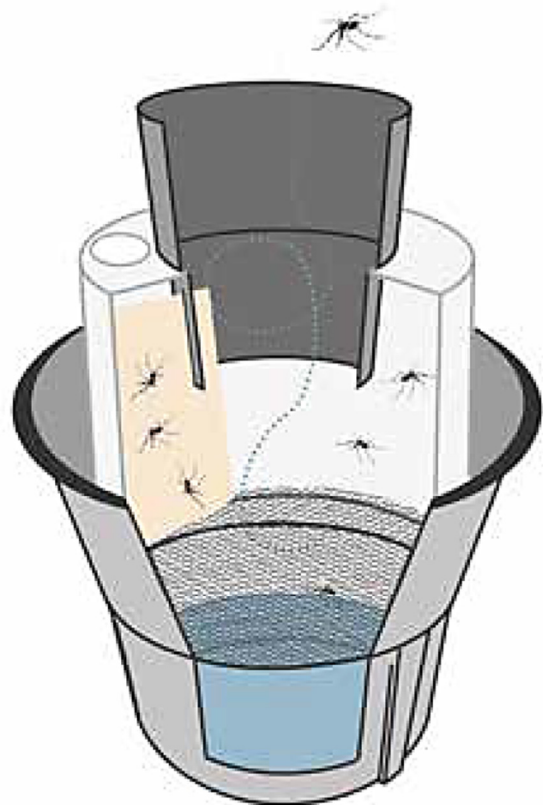
A humid, shady, and wind-protected location is very attractive to mosquitoes. Also, the black color of the BG-GAT attracts mosquitoes from some distance. Thus, the trap needs to be placed at a shady, humid place where it is readily visible, but protected from rain.



Most effective when competing breeding sites are eliminated!

Principle of function

Female Asian tiger and yellow fever mosquitoes are attracted by water and oviposition cues and enter the transparent chamber through the black funnel. Once in the chamber, mosquitoes try to escape through the translucent windows where they are captured when they contact the surface of the sticky card. The mesh provides a barrier between mosquitoes and the infused water in the lower chamber. The sticky card in the transparent chamber will kill the mosquitoes. Sticky cards can be purchased separately.



Cross-sectional view

Development

The BG-GAT trap was developed by Dr. A. E. Eiras from the Universidade Federal de Minas Gerais, Belo Horizonte, Brazil, and Dr. S. A. Ritchie from the James Cook University, Cairns, Queensland, Australia. Biogents produces and distributes the trap under a license agreement with both universities.

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