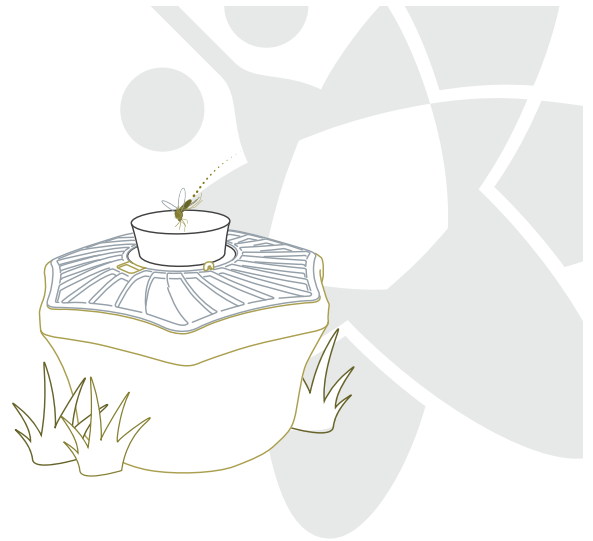




Biogents
Mosquito Control



The BG-Mosquitaire protects your garden against tiger mosquitoes

The BG-Mosquitaire mosquito trap provides the best catch results for tiger mosquitoes. The trap is developed to be set up outdoor and is highly effective due to Biogents' eco-friendly principle of capture.

Continuous operation use will lead to a reduction of mosquitoes and biting nuisance. The addition of carbon dioxide (BG-Mosquitaire CO₂) increases the spectrum of mosquito species that are captured so that the BG-Mosquitaire CO₂ is suitable for catching all mosquito species.



Examples of applications

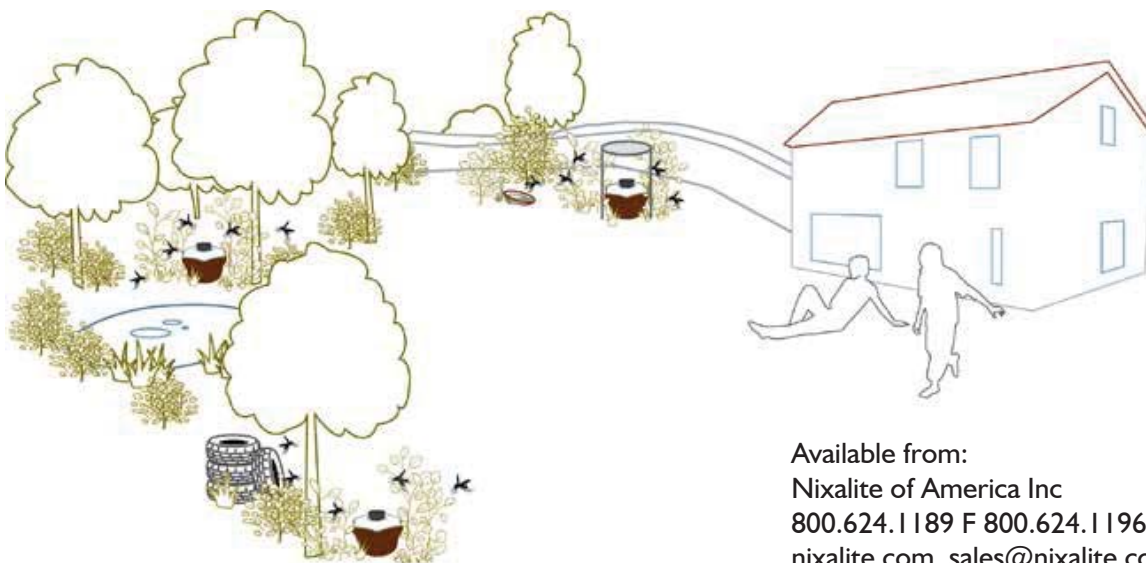
- Private gardens
- Beer gardens, cafés and restaurants
- Parks and hotels
- Campgrounds
- Beach pools and forest pools
- Sports and recreation facilities
- Rehabilitation clinics and wellness facilities

Application

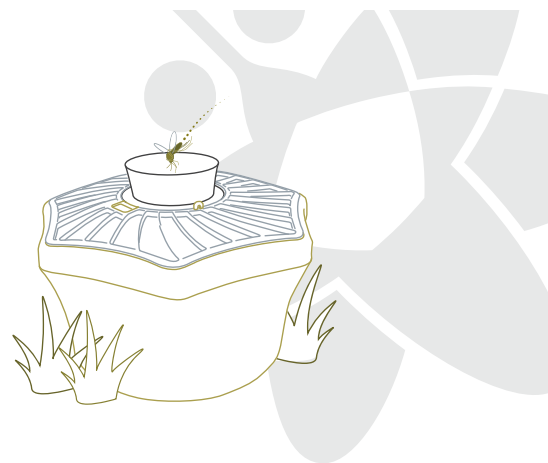
- Continuous operation (24 hours for a number of weeks)
- Highly sustainable effectiveness due to application early in the season

Placement in shady, wind-protected moist places

Place the trap in shady, wind-protected moist places or near breeding places.



Available from:
Nixalite of America Inc
800.624.1189 F 800.624.1196
nixalite.com sales@nixalite.com



Biogents' mosquito traps

- high rate of capture
- used by scientists and mosquito professionals
- ideally suited to control the mosquitoes in your garden

Biogents mosquito traps are the result of more than 16 years of research in Regensburg, Germany. They catch more mosquito species than any other traps and are therefore worldwide used by professionals for monitoring purposes. The extraordinary high rate of capture is the reason why Biogents' mosquito traps are also suited as effective tool to control mosquitoes, especially tiger mosquitoes, on private and public properties.

Biogents' principle of capture was awarded in 2007 by the world bank within the Development Market Place and in 2010 the trap was declared by scientists of Rutgers Universität (USA) as the new **gold standard for catching tiger mosquitoes**.

A study in Cesena, Italy shows a reduction of the tiger mosquito nuisance of 64 – 87 % on properties with Biogents' mosquito traps in comparison to those without traps.

The trap imitates a human being. The factors that make humans so attractive to mosquitoes are:

- heat convection
- skin scent
- carbon dioxide (not mandatory necessary for tiger mosquitoes) and
- light-and-dark contrasts



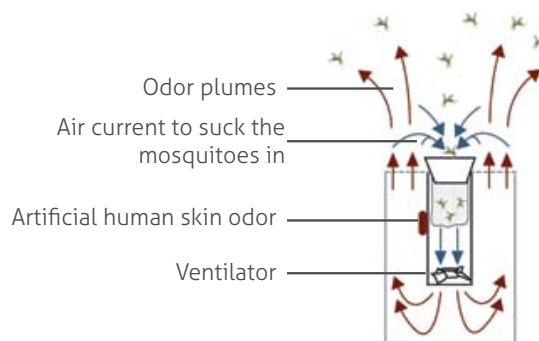
Convection currents of a human body



Distribution of the odor plumes over a Biogents trap



Top view: Black-white contrast



Cross section through a Biogents trap with air currents

Biogents' mosquito traps are available as different models. The BG-Sentinel trap is developed for scientists and is mainly used for monitoring programs. But the traps were also already successfully used as a control instrument in a large-scale study in Manaus, Brazil. The study with more than 1400 households and 450 traps

showed that the Biogents traps were able to significantly reduce the amount of adult females of the tiger mosquitoes (*Aedes aegypti*), also called dengue mosquitoes, during the rainy season.

For end users Biogents offers the BG-Mosquitaire trap. It can be used as mosquito protection in the garden.



BG-Sentinel for researchers



BG-Mosquitaire for end users