Pheromone-based mosquito control, fewer mosquitoes without fogging

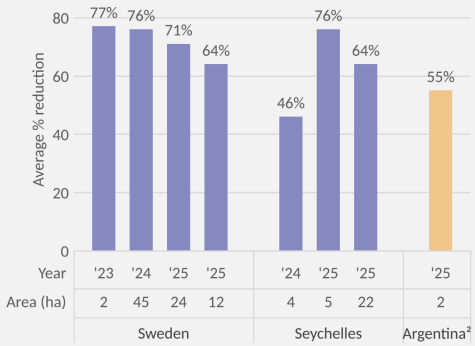
Passive pheromone dispensers that suppress mosquito populations across seasons – no power, no spray crew, no scheduled applications, and no impact on non-target species

Mosquito pheromone that disrupts mating, suppressing reproduction over the season without toxins

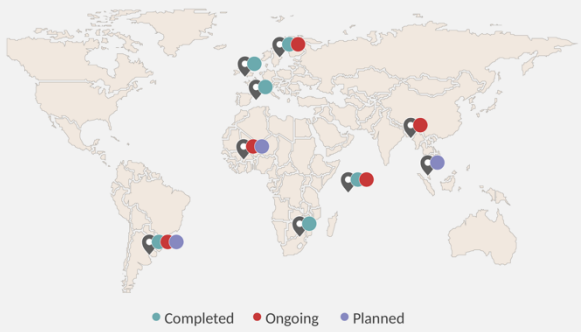
- Non-toxic and mosquito specific: safe for people and sensitive ecological environments[1]
- Passive operation: no power, no traps, no baits
- Low-maintenance: one service visit per dispenser per year

FIELD RESULTS

70% average reduction in mosquito populations across field trials in various biotopes. Effective in both temperate and tropical biotopes, against all common human-biting species.



Mosquito suppression by field-trial



Trial locations

REDUCE OR STOP FOGGING

This pheromone is the only mosquito-control product for mating disruption, so it can complement your existing program rather than competing with it. As mosquito populations fall, you can reduce or stop fogging, especially in sensitive zones like pools, beaches, villas, spa and restaurant areas.

PROTECTING REFUGEES IN COX'S BAZAR

Molecular Attraction works in collaboration with the UNHCR to protect the world's largest refugee camps in Cox's Bazar, Bangladesh. The project is coordinated by the UNHCR, evaluated as a field trial and funded by donations through Molecular Attraction.

143,000
people living in treated area, 2026 pilot

1,200
dispensers across 300 ha

1.1M
people in target area, 2027 rollout aim

PARTNER PILOT PROGRAM

Apply for our partner pilot program to start using the pheromone today. Depending on location, the treatment program will likely run as a registered research trial. Molecular Attraction will take care of all applications and paperwork.

Apply by sending an email to info@molecular-attraction.com



Molecular Attraction dispenser



Dispenser distribution on Fregate Island during full rollout 2026



Brown dispenser in a tree

PARTNER PILOT WITH SCIENTIFIC MONITORING

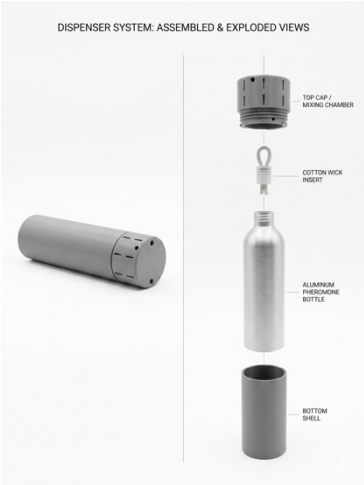
Where local registration is pending, deployment can run as a permitted research trial with scientific monitoring.

- Molecular Attraction manages research permit applications and documentation
- Structured data collection on mosquito population suppression and efficacy
- Pilot partner positioned as co-contributor to any resulting publication
- Provides scientific foundation for program continuation or expansion

Technical Annex

DISPENSER SPECIFICATION

Dimensions	21 cm × 6 cm
Shell design	Colored to your specification
Cartridge	300 ml aluminum container
Active compound	Blend of 5 naturally occurring volatile compounds
Release rate	Steady 1–2 g / ha / day over 6–12 months
Maintenance	Annual cartridge replacement
Power	None, passive dispensing
Dispenser density	4 units / ha – approx. 50 m grid
Operating conditions	5-45 °C, avoid installation in direct sunlight



SAFETY

Targeted at male mosquito physiology: pollinator-safe by design and non-toxic. Non-target testing on *a* butterfly, *a* parasitoid wasp and bumblebees showed no mortality or adverse effects over four weeks of continuous exposure. Field trials showed no adverse effects on non-target species. Active ingredients are readily biodegradable (OECD 301). Full Safety Data Sheet available on request.

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2) Mean of two sites (81% and 28%) based on reduced oviposition, expanded trials planned for the 2026-27 season.