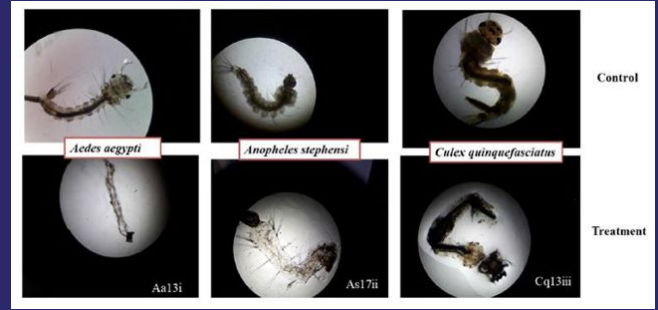


Granted IN407183

Larvicidal formulation and a process for the preparation thereof



NEED

There is a need for an effective, quick-acting, and non-toxic larvicidal formulation to control mosquitoes and vector-borne diseases, overcoming drawbacks of prior art.

SOLUTION

The present invention offers a larvicidal formulation with 100% larvicidal activity against various mosquito larvae.

INNOVATION

The formulation combines specific concentrations of plant extracts, including hexane extract of Piper nigrum fruits, water extract of Camellia sinensis, and water extract of Moringa oleifera, providing effective larvicidal activity against multiple mosquito species.

MARKET ANALYSIS

Market: Vector control, larvicidal formulations
CAGR: Approximately 5-7%
Potential Indian Clients: Government health departments, NGOs, pharmaceutical companies

WHY INVEST?

- Larvicidal
- Vector-borne diseases
- Non-toxic
- Biological control



AT A GLANCE

- Current TRL NA
- Funded by NA
- IPC A01N, F21K, G01V
- Domain
Public Health, Biotechnology



Prof. Atish Paul Tulsiram, Pracheta Sengupta, Sanjeev Kumar

Department of, Pharmacy
BITS Pilani, Pilani Campus

For more information, reach out to (contact person), (designation), (organization) at (email ID) and (phone number)

