

Demonstration Project for Microbial Insecticide for Mosquitos that Carry the Dengue Virus in Surabaya, Indonesia

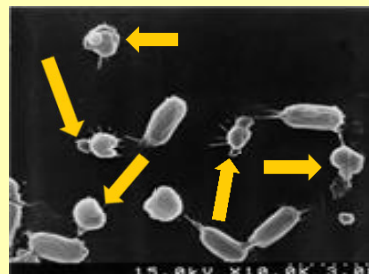
Kyushu Medical

Kitakyushu: Support for the development of environmental business in Asia of small- and mid-sized companies(FY 2015) 79

Infections of the dengue virus from mosquitoes (dengue fever) in East Asia have become a major social problem in urban areas. In this project, outdoor spraying is being carried out in Surabaya, Indonesia and effects have been demonstrated with the reduction of the number of mosquitoes using MOSNON, an eco-friendly insecticide for mosquito larva.

MOSNON

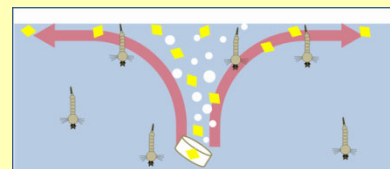
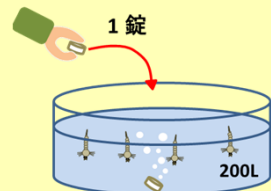
- ① Only kills mosquito larvae.
Impact on humans, animals, and the environment is extremely small.
- ② Minimizes human error because they are tablets.
- ③ It is an effective insecticide by diffusing active substances through foaming and infusing attractants.



Insecticidal protein



Tablets containing insecticide protein (MOSNON)



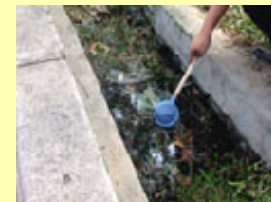
【Demonstration Overview】

Eco-friendly insecticide for mosquito larvae
Spraying MOSNON



Easy to use by just throwing into water

Reduced number of larvae



Counting larvae

Reduced number of adult mosquitoes



Counting adult mosquitos