

Integrated Vector Management

More tools you can use

Diseases of people in Mid-East

Malaria (protozoa)

Leishmaniasis (protozoa)

Lymphatic filariasis
(nematode)

Schistosomiasis (trematode)

Trachoma (bacteria)

Onchocerciasis (nematode)

Scrub typhus (bacteria)

Plague (bacteria)

Dengue (virus)

Japanese encephalitis (virus)

Rift Valley fever (virus)

West Nile fever (virus)

Yellow fever (virus)

Some definitions

Arbovirus = arthropod-transmitted virus

Zoonotic = affects humans and animals

Temporary water makes best habitats



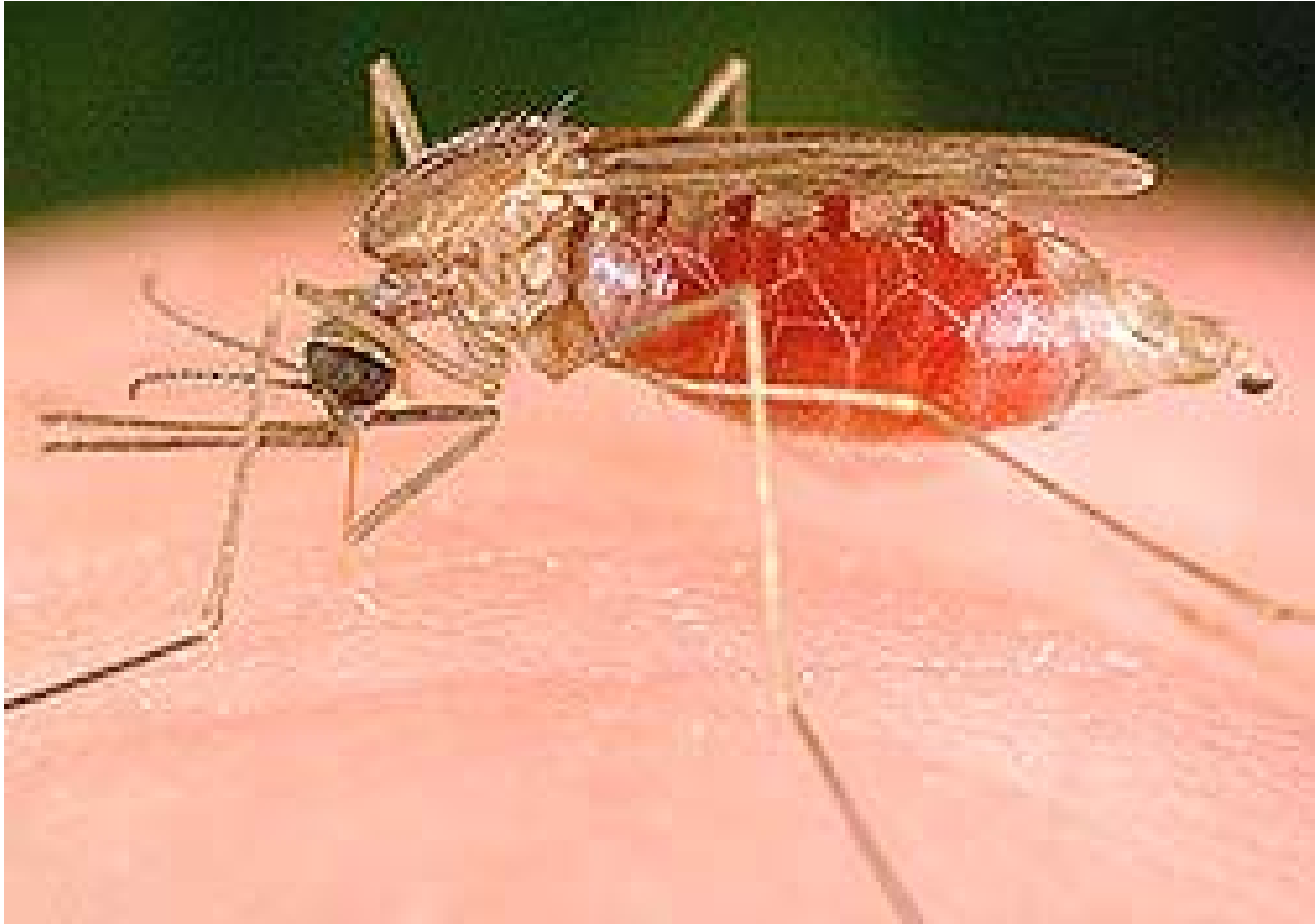
Trash containers with mosquito larvae (wigglers)



Old tires as breeding sites



Mosquito feeding



Workers putting up mosquito exclusion screen in Cambodia



Large group under netting





Checking for wigglers



Fogging from truck for mosquitoes



Conventional bednet



Throwing *Bacillus thuringiensis israeliensis* into the well



This skeeter breeder needs
modification

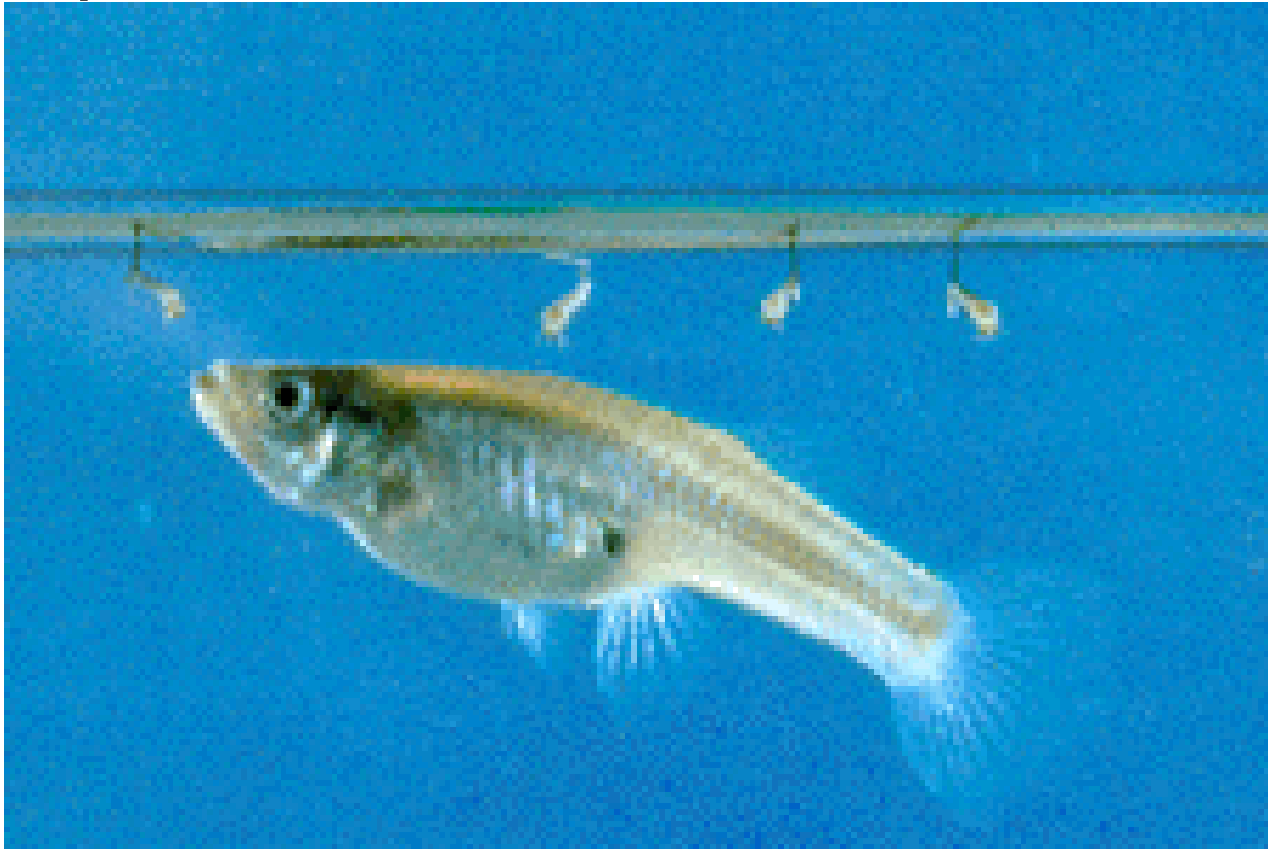


Skeeter breeder turning into mosquito eater fish pond



Skeeter eater at work: The gambusia minnow

USGS photo



The next frontier: Long-lasting bednets



Blue tick infestation



Cattle tick dip bath with insecticide



Pour-on acaricide is now favored method causing less damage than dip baths



Tsetse Fly

Glossina



(by P.W. Pappas and S.M. Wardrop)

Repellent chemical collar for tsetse control in cattle



Screen trap against tsetse fly



Sandfly with human blood



Leishmaniasis lesion



Use of virus to control rabbits



Australia and New Zealand Rabbit Calicivirus Disease Program