

ABSTRACT

The Effectiveness of the *Aedes aegypti* Mosquito Control Programme in the Thompson Pen Area of St. Catherine.

The study was conducted in the Thompson Pen Area of St. Catherine. The purpose of the study was to examine the effectiveness of the *Aedes aegypti* control programme in the area by the Health Department.

A house hold survey was done to assess the knowledge attitude and practice of the residents towards mosquito control. A total of sixty (60) persons were interviewed and the premises examined for breeding sites. The results showed that there was no surveillance programme by the Health Department. The respondents were indifferent to mosquito control activities.

The *Aedes aegypti* somehow developed resistance to or had adapted to the chemicals used to control them. Because of the nature of the eggs to withstand desiccation, during the rainy season the *Aedes aegypti* population increased at a faster rate than the control measures could control them. These, along with inappropriate planning and implementation of control programmes exaggerated the problem.