Effect of Malathion and Diazinon exterminitors lice on the buffalo in Sohag Governorate, Egypt

Tarek M. Abo-Elmaged and Abd El-Aleem S. Desoky

Abstract:

The present study was designed and compares the efficacy of three Pesticides against the buffaloes lice (Haematopinus tuberculatus) infesting buffalo in the farmer houses in Sohag Governorate. The pesticides which treated were Malathion 57%, Diazinon 15% and Diazinon 60% EC at concentration of ml/liter water against lice. The pesticides were spray on all treatment and the animal examined was after 24 hrs till 45 days. The decrease or increase of the population at buffalo lice was estimated and comparison between the three pesticide. Diazinon 60% showed variable toxicity to animal parasites. According to the percentage of mortality recorded after 24 hrs till 45 days followed by Malathion 57% with the same concentrations. The late efficiency was Diazinon 15%. This may be due to the low of the active ingredient in Diazinon 15% compared with Diazinon 60%. In general we can use Diazinon 60% with 1 cm/liter water as spray on the animal body to control the buffalo lice.

Keywords:

Buffalo lice, animal parasites, control, Haematopinus tuberculatus

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