

Abstract

In the laboratory, evaluation of five recommended insecticide namely; Mospilan, Imidor, Actellic, Chess and Aphox were carried out against three species of aphid, corn aphid (*Rhopalosiphum maidis*), cotton aphid (*Aphis gossypii*) and cowpea aphid (*Aphis craccivora*) which collected from private field from three Governorates, Kafr el-Sheikh, Qualiobyia and Beni Swif. It was found that the most of the recommended insecticides against different aphid species in different Governorate should be managed according to this study. On the other hand, toxicity effect of five plant extracts namely; olive oil, (*Olea europaea* L.); anise oil (*Pimpinella anisum*), marjoram oil (*Majorana hortensis* L.), orange oil (*Citrus vulgaris*) and ethanolic extract of lupine (*Lupinus termis*) were evaluated against *R.maidis*, *A. gossypii* and *A. craccivora*) which collected from private field from three governorates, Kafr el-Sheikh, Qualiobyia and Beni Swif. It was found that all plant extracts gave satisfactory mortality associated to concentrations used as well as aphid species.

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