
Resistance And Cross Resistance Of Some Natural Products On Some Economic Pests

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The present studies covered the following points: 1. The efficacy of various natural products and insecticides against *B. tabaci* (Genn) adults of laboratory and field strains from different Governorates. 2. The efficacy of various natural products and insecticides against *Spodoptera littoralis* (Boisd) larvae laboratory and field strains from different Governorates. 3. The efficacy of various natural products and insecticides against the nymphal instar as well as the adult *Aphis gossypii* (Glov) of laboratory and field strains from different Governorates. I - *Bemisia tabaci*: This study has indicated that the response of different strains of the whitefly *B. tabaci*, collected from different Governorates of Egypt, during 1995 and 1996 seasons, to the tested insecticides varied from one insecticide or natural products to another according to the history of insecticide application in each Governorate, to cotton crop. I. All field strains of Beni Suef, Kalubia, Behera and Dakahlia Governorates exhibited various levels of resistance to natural product in the following ascending order to azadirachtin (0.3 — 1.6) fold