

**BIOACTIVE OF FIVE AROMATIC PLANT OILS AGAINST APHIDS  
OLEANDER *Aphis nerii* ( Aphidae : Homoptera )**

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**ABSTRACT**

The main goal of this research was to assess the bioactivity of five essential oils ( Clave tree oil , Black seeds oil , Anise oil , Cactus oil and Cardamom oil ) of three concentration ( 0.5 , 1 , 1.5 ml/1L.) compared with two insecticides using two different methods against Aphid Oleander *Aphis nerii* ( Aphidae : Homoptera ) .

In the petridishes experiment was experiment was no significant differences among all aromatic plant oils in day 3 , 7 and 10 after spraying with for three concentration compared with two insecticides. The relative efficiency of oils at tenth day after spraying for all tested concentrations were 100% . In the experiment of the branches of Oleander showed no significant effects among each of Clove tree oil ( 0.5 ml = 27.67 insect , 1.5 ml = 27.67insect ) , Anise oil ( 0.5 ml = 17.34 insect ) , Cactus oil ( 1ml = 6.67 insect , 1.5 ml = 9 insect ) and Cardamom oil ( 0.5 ml = 14 insect , 1.5 ml = 25.34 insect ) compared with two insecticides.

The relative efficiency of these oils between 35.66 – 93.33 % ate the tenth day of spraying .

**Key words :** Bioactivity , aromatic plant , aphids.