

EFFICACY OF SERIN AND NOMOLT AND COMBINATION WITH OILS AGAINST *Aonidiella orientalis* (NEWST.) AND *Phyllocnistis citrella* (STANTON).

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ABSTRACT

Field experiments were conducted on citrus trees infested by *Aonidiella orientalis* (Newst.) and *Phyllocnistis citrella* (STANTON) in Mosul during 2007.

Results indicated reduction in the rate of *Aonidiella orientalis* (Newst.) infestation. Treatments were in the following order: Serin + oil, Nomolt + oil , Serin and oil these treatments significantly decreased No. of nymph / leaflets to 0.90 ,1.10 ,1.45 and 2.50 nymph /leaf respectively after 14 days. The results indicated that treatments which combine by serin + oil give high efficiency against citrus leaf miner to reduce percentage and intensity of infestation. The treatments are descending order was as follows: Serin + oil ,Nomolt + oil, Serin and oil. Results were encouraging to introduces oils into *Aonidiella orientalis* (Newst.) and citrus leaf miner *Phyllocnistis citrella* (Stainton) control program either alone or in combination with insecticides.

Keywords: *Aonidiella orientalis* (Newst.), *Phyllocnistis citrella* (Stainton), Serin, Nomolt, Meniral Oil, Citrus Tree .