Some phytoseiid species as biological control agents have ~~gained much~~attracted a lot of attention, ~~as biological control agents that~~which are increasingly used in IPM strategies for controlling~~of~~ herbivorous mites. *Neoseiulus,* as ~~The~~ thepredatory mite, ~~*Neoseiulus,*~~ is regarded asone of the effective biological control agents related to ~~of~~ the family Phytoseiidae, which can be developed and reproduced on a wide range of food sources~~,~~ including spider mites (*Tetranychus*), insects (thrips, greenhouse whitefly), and various kinds of pollen.The ability for adapting to the changes in prey populationand some strains of their tolerance to the several pesticide such as propargiteanddimethoateare considered as ~~One of~~ the most advantages of these~~is~~species ~~is the ability to adapting to changes in prey populationand some strains their~~ .

Furthermore~~In this study~~, a bioassay was replicated four times with five concentrations of spiromesifen and a control ~~was replicated four times~~.

Additionally, the n~~N~~ewly emerged females were paired with the males for evaluating~~e~~ the reproductive rate. The selected males from the stock colony were used when ~~In case there were~~ not enough males were available for ~~to~~ pairing with females~~, selected males from the stock colony were used~~ (complete information related to these males ~~did~~ were notincluded in life table analysis).

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