

RESEARCH NOTE

# Sole and combined effect of some microbial and chemical insecticides against *Spilarctia obliqua* under laboratory conditions

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ABSTRACT

*Spilarctia obliqua* as polyphagous pest has tendency to develop resistance against frequently used conventional insecticides. So, microbial insecticides and their combination with modern chemical insecticides could be alternative option in IPM of *Spilarctia obliqua*. The significant susceptibility of *Spilarctia obliqua* was noticed by use of *Bacillus thuringiensis* var. *kurstaki* (*B.t.k*), flufenoxuron, cartap either sole or separate combination of *B.t.k* with other two chemical insecticides at half of their recommendation.

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