

## Study on the effectiveness of pesticides against cowpea aphid (*Aphis craccivora*) Koch

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### ABSTRACT

Considering the importance of safe food, avoiding of excess pesticide application and pesticide pollution the present study was conducted. In this experiment totally four pesticides were tested against cowpea aphid *Aphis craccivora* under pot culture experiment at College of Agricultural Technology, Theni. Among the four acetamprid 20 SP (0.125g/ml) proved highly effective against *Aphis craccivora* compared to the rest of the pesticides with mortality of 98.75 per cent. In case of dosage wise acetamprid 20 SL (0.125g/ml) and imidacloprid 17.8 SL(0.25ml/l) proved to be highly effective with mortality percentage of 98.33 and 86.66, respectively. Thus, it is concluded that all the studied pesticides, Acetamprid proved effective to control the cowpea aphids.

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