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Safety of selected insecticides against lady bird beetle in soybean

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ABSTRACT

Field trial was conducted during *Kharif* 2014 to determine the effects of different treatments against lady bird beetle *Coccinella septumpunctata* in soybean ecosystem in the College of Agriculture Nagpur. Least average number of grubs recorded in treatment of Fenvalerate 20 EC @ 0.50 ml found to be superior as compared to other treatments. The next effective treatments were emamectin benzoate 5 S G @ 0.3 g per lit. and also in Spinosad 45 SC @ 0.25 ml per lit., Indoxacarb 15.8 EC @ 0.60 ml per lit., which were at par with T_6 and T_3. However, the treatment *Neem* oil 2 per cent recorded grubs per 5 plants. Whereas, NSE @ 5 per cent and *Beauveria bassiana* $1x10^8$ CFU @ 4 g per lit. were found to be least effective in reducing grubs population.

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