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A CASE STUDY

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## Field resistance of *Spodoptera litura* (Lepidoptera : Noctuidae) to newer chemistry insecticide indoxacarb in Vidarbha

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### ABSTRACT

The present studies were carried out to evaluate resistance in the population of *Spodoptera litura* Fab. (Lepidoptera, Noctuidae) from eight districts of Vidarbha region in India to indoxacarb from 2011-2013 using standard leaf dip bioassay method. For indoxacarb, resistance ratio compared with a susceptible strain were in range of 2.66 to 6.14 fold. However, relatively low level of resistance to indoxacarb was observed in all eight populations.

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