



ISSN 0970-3837

*Journal of Insect Science* 29 (2): 338-341 (2016)

## CONTACT TOXICITY OF COMBINATION INSECTICIDES AGAINST MANGO MEALYBUG, *DROSICHA MANGIFERAE* (GREEN)

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**ABSTRACT:** The dosage mortality response of three combination insecticides, viz. chlorpyrifos + cypermethrin, novaluron + indoxacarb and deltamethrin + triazophos against 2<sup>nd</sup> instar nymphs of *Drosicha mangiferae* was determined by 'nymphal dip method'. Deltamethrin + triazophos proved to be more toxic than other combinations with the LC<sub>50</sub> and LC<sub>90</sub> values of 0.0008 and 0.77 per cent at 6 hours after exposure (HAE) and novaluron + indoxacarb proved least toxic than the other two combinations at 6 HAE (LC<sub>50</sub>=0.0063% and LC<sub>90</sub>=8.97%) and 12 HAE (LC<sub>50</sub>=0.0019% and LC<sub>90</sub>=2.84%). The LT<sub>50</sub> of deltamethrin + triazophos at 0.2 ppm was 29.03 hours and that of chlorpyrifos + cypermethrin at 3.0 ppm was 21.66 hours.

**KEYWORDS:** Combination insecticides, *Drosicha mangiferae*, LC<sub>50</sub>, LT<sub>50</sub>