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Relative efficacy of newer insecticides against *Helicoverpa armigera* (Hubner) in tomato under South Gujarat condition

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ABSTRACT

Field experiment conducted on relative efficacy of nine different insecticides against *H. armigera* (Hubner) in tomato during year 2012-13 revealed that all the nine insecticides were significantly superior to untreated control in reducing *H. armigera* infestation. However, flubendiamide 0.004 per cent recorded minimum larval population (0.43 larva/plant) and 10.09 per cent fruit damage on weight basis than the remaining treatments which was identical with chlorantraniliprole 0.0055 per cent (0.58 larva/plant and 10.62 % fruit damage) and spinosad 0.0068 per cent (0.68 larva/plant and 11.34 % fruit damage). Higher marketable yield recorded from treatments of flubendiamide 0.004 per cent chlorantraniliprole 0.0055 per cent and spinosad 0.0068 per cent with 25.21, 24.84 and 22.20 tonnes/ha, respectively.

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