

Bio-efficacy of *Beauveria bassiana* (Balsamo) Vuillemin against *Helicoverpa armigera* (Hubner) on pigeonpea under laboratory condition

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A laboratory experiment was conducted to determine the bio-efficacy of *Beauveria bassiana* (Balsamo) Vuillemin alone and in combination with chemical insecticides against *Helicoverpa armigera* (Hubner) on pigeonpea at bio-control laboratory, Department of Entomology, College of Agriculture, Junagadh Agricultural University, Junagadh during *Kharif* season of 2011. The results revealed that polytrin-C 0.044 per cent and chlorpyrifos 0.05 per cent alone recorded the highest mortality, whereas *B. Bassiana* @ 1.25 kg/ha combined with polytrin-C 0.044 per cent and *B. Bassiana* @ 1.25 kg/ha combined with chlorpyrifos 0.05 per cent were the next best treatments and can be recommended for eco-friendly management of *H. armigera* in pigeonpea ecosystem.

Key words : *Beauveria bassiana* (Balsamo) Vuillemin, *H. Armigera*, Pigeonpea

How to cite this paper : Karkar, M.A., Kapadia, M.N. and Jethva, D.M. (2014). Bio-efficacy of *Beauveria bassiana* (Balsamo) Vuillemin against *Helicoverpa armigera* (Hubner) on pigeonpea under laboratory condition. *Asian J. Bio. Sci.*, 9(1) : 134-136.