



RESEARCH ARTICLE :

Field evaluation of *Pseudomonas fluorescens* against the green bollworm, *Helicoverpa armigera* (Hubner)

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SUMMARY : Field experiments were conducted at Vanavarayar Institute of Agriculture Mankkadavu, Pollachi, Coimbatore District of Tamil Nadu and South Indian Millers Association (SIMA), Cotton Development and research Association, Ponnery, Udumelpet, Tirupur District of Tamil Nadu during 2014-15 and 2015-16. An investigation was carried out to assess the efficiency of *Pseudomonas fluorescens* (PGPR) against cotton green bollworm, *Helicoverpa armigera*. The results revealed that the foliar application of *P. fluorescens* were found to be effective in reducing and *Beauveria basianna* @ 1% in reducing the larval population, square and boll damage percentage. The soil and foliar application of *P. fluorescens* @ 1% treated plots was recorded the highest seed cotton yield.

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KEY WORDS :

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