

## IN VITRO SCREENING OF OKRA GERMPLASM ACCESSIONS AND VARIETIES AGAINST OKRA SHOOT AND FRUIT BORER, *EARIASVITTELLA* (FAB)

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### ABSTRACT

An in vitro experiment was conducted at Insectary of Agricultural College and Research Institute, Madurai, during Kharif 2015 to identify the infestation of okra shoot and fruit borer, *Eariasvitella* (Fab). Thirty okra varieties were screened to know their response on the basis of fruit damage scale. Based on the infestation of the fruits the grading is done as resistant, moderately resistant, moderately susceptible, susceptible sources. Among the thirty accessions, 11 were moderately resistant like IC 90285, IC 90223 and 10 were moderately susceptible namely IC 90269, IC 90284, IC 15438, and one was susceptible – PusaSawani (Check), and eight were found to be resistant sources namely VRO 104, and Punjab 8.

**KEYWORDS:** Screening, Okra, Shoot and Fruit Borer, Germplasm, Resistance