

Screening of Jowar Germplasm Against Stemborer (*Chilo partellus* Swinhoe.) and Aphid (*Rhopalosiphum maidis* Fitch.)

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ABSTRACT

Eighty sorghum germplasm lines were screened during early *rabi* season, 2004, 2005 and 2006 to evaluate their reaction against stem borer and aphids at Agricultural Research Station, Madhira, Khammam district. Mean per cent deadheart and aphid incidence were computed. Based on their performance over three years, the germplasm viz., EP 19 (10.57%), EP 36 (3.47 %) and EP 28 (10.38 %) were shown tolerance and recorded higher yields 2994, 2605 and 2450 Kg ha⁻¹ respectively, whereas SEVS 1, SEVS 6, EP 44, SEVS 2, EP 111 and EP 118 were susceptible to both the pests.

Key words : Aphid, Germplasm, Sorghum, Stemborer.