

**PRODUCTION POTENTIAL OF DIFFERENT VARIETIES OF SORGHUM  
(SORGHUM BICOLOR L.) UNDER SEMI ARID AGRO-ECOLOGICAL  
SITUATIONS**

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**Abstract:** Five shorgum varieties were evaluated and compared with farmers' local variety for their grain and straw yield at farmers' own field. The results revealed that sorghum varieties differed significantly for grain and straw yield. Among varieties, CSV 15 recorded highest grain (1945 kg ha<sup>-1</sup>) and straw (12200 kg ha<sup>-1</sup>) yield. The results proved that the CSV 15 was most suitable varieties under prevailing climatic condition of the study area.

**Keywords:** Shorgum, Variety, Grain, Straw yield, Production

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