

**Character Association for Yield and Yield Attributes in
Sorghum
(*Sorghum bicolor* L. Moench.)**

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ABSTRACT

The present investigation was carried out with 81 sorghum genotypes to assess the association of yield components on grain yield per plant. Results of correlation analysis indicated that the grain yield per plant was found to be significant and positively correlated with panicle weight, 1000-seed weight, harvest index and number of primaries per panicle. Panicle length showed significant negative association with grain yield per plant. Thus the present study indicated that panicle weight, 1000-seed weight, harvest index and number of primaries per panicle are important characters in deciding grain yield per plant. Hence these characters may be considered as selection indices in sorghum breeding programme.

Key words : Attributes, Character association, Yield.