

Genetic Variability for Yield and Yield Attributing Traits in *Rabi Sorghum (Sorghum bicolor L. Moench)*

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ABSTRACT

Studies were carried out to estimate the extent of genetic variability in cultivated genotypes of *rabi* sorghum. Significant mean squares were obtained for all characters in the analysis of variance. High estimates of PCV and GCV were observed for grain yield per plant, stover yield per plant, harvest index, panicle weight, panicle length, 100-seed weight and dead heart percentage. Moderate GCV and PCV were observed for plant height and number of primaries per panicle. High heritability coupled with high genetic advance as percent of mean was observed for almost all the characters under study except for days to 50 per cent flowering.

Key words : Genetic advance, Heritability, Variability.