

Genetic Variability in Pigeonpea [*Cajanus cajan* (L.) Millsp.] for Grain Yield and Its Contributing Traits

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ABSTRACT

Forty one pigeonpea genotypes were studied to know their performance, genetic variability, heritability and genetic advance as per cent of mean for yield and yield contributing characters. Significant variations were observed for all the characters in all the genotypes used in the experiment. High PCV coupled with high GCV was observed for number of primary branches per plant, number of secondary branches per plant, number of pods per plant and seed yield per plant. High heritability coupled with high genetic advance as per cent of mean was observed for number of primary branches per plant, number of secondary branches per plant, number of pods per plant, seed yield per plant and grain protein content.

Key words : Coefficient of variation, Genetic advance, Heritability, Pigeonpea, Variability.