

Genetic Variability in Different Tamarind Genotypes

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ABSTRACT

Thirty eight tamarind genotypes studied were found to exhibit wide range of variability for most of the characters. The phenotypic and genotypic coefficient of variability (GCV and PCV) were low for the characters like pod length, width and thickness. Remaining characters exhibited moderate to high PCV and GCV. The higher PCV and GCV were found to be with pod yield and number of pods per tree. High heritability (bs) estimates were obtained for most of the characters except number of pods per shoot, number of pods per kilogram and per cent of shell. Genetic advance (GA) was high for the character of number of pods per tree.

Key words : Genetic variability, Tamarind genotypes