

Study of Comparision of Different Stability Parameters in Sesamum (*Sesamum indicum* L.)

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ABSTRACT

The study of different stability parameters in sesamum genotypes over 6 environments indicated that stability parameters like Wricke's (1962) ecovalence, mean variance due to genotype-environment interaction of Plaisted and Peterson (1959) and variance or information of ranks over environments gave similar results to that of the deviation from regression (S^2d) of Eberhart and Russell (1966). The genotypes, YLM 106 (number of seeds per capsule and number of capsules per plant), YLM 82 (number of seeds per capsule, oil content and 1000 seed weight), YLM 17 (seed yield per plant) and Madhavi (1000 seed weight and oil content) showed stable performance over environments.

Key words : Regression model, Sesamum, Stability.