

# Comparison of Different Stability Parameters in Soybean [*Glycine max* (L.) Merrill]

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## **ABSTRACT**

The Study of different stability parameters involving twelve soybean genotypes in three environments indicated that stability parameters like Wricke's (1962) ecovalence, mean variance due to genotype-environment interaction of Plaisted and Peterson (1959) and variance of ranks over environments gave similar results to that of the deviation from regression ( $S^2_d$ ) of Eberhart and Russell (1966) and Shukla's stability variance whose calculation is cumbersome. All these methods indicated more stable genotypes, JS 93-05, RKS 18 and JS 95-60 for number of pods per plant, MRSB 345, JS 335 and LSb 36 for protein content, LSb 1, LSb 13 and LSb 36 for oil content and JS 93-05, JS 95-60 and RKS 18 for seed yield per plant over environments.

**Key words** : Soybean, Stability