

Classical Selection Indices in Sugarcane (*Saccharum officinarum* L.)

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ABSTRACT

Selection indices studies in 12 genotypes of sugarcane using discriminant function technique revealed that the function including cane yield as one of the components recorded high expected genetic advance and relative efficiency. The index in which all the nine characters were included showed maximum genetic advance and relative efficiency suggesting that simultaneous selection for all these characters would be better over straight selection for cane and CCS yield.

Key words : Genetic Advance, Selection Indices, Sugarcane