



Research Paper

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Genetics of quantitative characters associated with pod in okra [*Abelmoschus esculentus* (L) Moench]

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ABSTRACT : The gene effects for five quantitative characters *i.e.* number of pod/s plant, length of pod, girth of pod, number of seeds/pod and pod yield/ plant were studied in six crosses of okra. The additive component was significant and present in sizeable proportion of the characters studied. Dominance was higher in magnitude than additivity. Additive x additive and dominance x dominance observed in most of the crosses for all the characters. To exploit all these genetic effects, characters associated with pod can be improved through the use of recurrent selection to ultimately improve pod yield in okra.

KEY WORDS : Generation means, Gene effects, Okra

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