

Character Association in Elite Recycled Early Inbred lines of Maize (*Zea mays* L.)

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ABSTRACT

Character association was carried out on ten diverse elite early inbreds of maize and their forty five direct single cross hybrids (derived by crossing in a half diallel fashion) along with two checks at College Farm, College of Agriculture, Rajendranagar, Hyderabad during *kharif*, 2003. The results indicated that grain yield was significantly and positively associated with 100-kernel weight, number of kernel rows per ear, ear height, ear length and ear girth at both genotypic and phenotypic levels. Hence, it is suggested that, for these prime characters utmost importance should be given in selection programme for the identification and development of high yielding maize hybrids or inbred lines of early maturing group.

Key words : Elite recycled, Inbred lines, Maize.