Character Association and Path Coefficient Analysis in Baby Corn (*Zea mays* L.)

J Arvind Kumar, K Murali Krishna, K Radhika and R Sai Kumar
Department of Genetics and Plant Breeding, College of Agriculture, Rajendranagar, Hyderabad

ABSTRACT

One hundred selected baby corn genotypes were studied for character association and path coefficient analysis for yield and twelve yield characters. Significant positive association of baby corn yield with the cheracters *viz.,* days to 50% fasselling, days to 50% silking, plant height, number of shoots per plant, shoot weight with husk, shoot weight without husk, shoot length, shoot girth and number of pickings was observed. In the study of partition of correlation coefficients into direct and indirect effects throguh path coefficient analysis, days to 50% tasselling, plant height, shot weight with husk and shoot length showed positive direct effect on baby corn yields.

Key words : Baby corn, Chracter association and Path analysis.