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RESEARCH NOTE

Effect on intermating in early segregating population in chickpea (*Cicer arietinum* L.)

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Abstract : An investigation was planned to compute and compare the nature and magnitude of correlations among various characters in the biparental progenies (BIP's) and the corresponding selfed generation of F_2 population derived from KWR 108 X IPC 94-19 crosses of chickpea (*Cicer arietinum* L.).The biparental population had higher magnitude of correlation co-efficients than the F_3 self's. In both the populations, association of number of pods with seed yield was high and positively significant, highlighting the facts that pods per plant is the most important yield contributing character in chickpea. The utility of biparental mating in early segregating generations like F_2 in breaking unfavourable association in chickpea is emphasised.

Key Words : Bi parental, Character, Chickpea, Yield and Correlation

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