GENETIC VARIABILITY IN DIFFERENT ENVIRONMENT IN CHICKPEA (*CICER ARIETINUM* L.).

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Abstract : 50 genetically diverse genotypes of chickpea were studied for Variability Heritability, and Genetic advance in 10 quantitative characters Days to 50 % flowering, Days to maturity, Plant height, No. of branches, Number of pods/plant, No. of seed/pod, 100 seed weight (g), Biological yield/plant, Seed yield per plant and Harvest index. In the vary late sowing condition (E3 and E6) five traits, days to flowering, plant height, total branches, seeds per pod and 100 seed weight showing high estimates of PCV. It was also concluded that days to flowering, plant height, pods/plant, 100 seed weight and harvest index showed high heritability coupled with high EGA. The influence of changing plantings dates was significant on various parameters of variability.

Keyword : Variability, Heritability, Genetic advance

Abbereviation : PCV- Phenotypic coefficient of variation, EGA-Expected genetic advance

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