

Study of genetic parameters in selfed and sib-mated populations in common wheat (*Triticum aestivum* L.)

■ TEJBIR SINGH AND AMITESH SHARMA

SUMMARY

The present study has been designed to compare the mean performance and genetic parameters in selfed and sib-mated populations in two crosses of common wheat. The mean performance of sib's was better than the selfs for all the characters in both the crosses except for spikelets per spike (cross I), harvest index (cross II) and for plant height (cross I and cross II). Further, the estimates of heritability and coefficients of variability (GCV and PCV) were high for grain yield, tiller number and biological yield in sib's than their corresponding F_3 selfs.

Key Words : Sib-mating, Co-efficients of variation, Grain yield, Heritability

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MEMBERS OF THE RESEARCH FORUM

Author to be contacted :

TEJBIR SINGH, Department of Genetics and Plant Breeding, Kisan P.G. College, Simbhaoli, GHAZIABAD (U.P.) INDIA

Address of the Co-authors:

AMITESH SHARMA, Department of Genetics and Plant Breeding, Kisan P.G. College, Simbhaoli, GHAZIABAD (U.P.) INDIA