

Genetic variability, heritability and genetic advance for yield and its components in sesame (*Sesamum indicum* L.)

■ M.R. BINDU, P. SUSHAMAKUMARI, M. INDIRA, T.N. VILASINI, S. SEEJA AND ANSU ACHAMMA YOHANNAN

SUMMARY

The present investigation was carried out with thirty one sesame (*Sesamum indicum* L.) genotypes during summer 2011 at Onattukara Regional Agricultural Research Station , Kerala Agricultural University, Kayamkulam. Variability parameters were estimated for yield and yield components. High heritability and high genetic advance as per cent of mean was recorded for the characters viz., plant height, number of branches, number of capsules per plant , oil content and yield. except days to 50% flowering and 1000 seed weight.

Key Words : Sesame, Genetic advance, Heritability, Yield

How to cite this article : Bindu, M.R., Sushamakumari, P., Indira, M., Vilasini, T.N., Seeja, S. and Achamma Yohannan, Ansu (2014). Genetic variability, heritability and genetic advance for yield and its components in sesame (*Sesamum indicum* L.). *Internat. J. Plant Sci.*, **9** (1): 167-169.

Article chronicle : Received : 12.06.2013; Revised : 05.11.2013; Accepted : 13.11.2013

MEMBERS OF THE RESEARCH FORUM

Author to be contacted :

M.R. BINDU, Onattukara Regional Agricultural Research Station,
KAYAMKULAM (KERALA) INDIA
Email: drmrbindu@gmail.com

Address of the Co-authors:

P. SUSHAMAKUMARI, M. INDIRA, T.N. VILASINI, S. SEEJA AND
ANSU ACHAMMA YOHANNAN, Onattukara Regional Agricultural
Research Station, KAYAMKULAM (KERALA) INDIA