

Genetic variability in egg plant (*Solanum melongena* L.)

KARIBASAVA NAIK, G.B. SREENIVASULU, S.J. PRASHANTH*, R.P. JAYAPRAKASHNARAYAN,
S.K. NATARAJ AND RAVINDRA MULGE

Department of Olericulture, K.R.C. College of Horticulture, Arabhavi (KARNATAKA) INDIA

ABSTRACT

The experiment was conducted at Olericulture Unit, Kittur Rani Channmma College of Horticulture, Arabhavi, Gokak, Belgaum, Karnataka during *kharif* season of 2004-05 to evaluate 61 genotypes using randomized block design. The observations on 24 characters were recorded. High heritability values and high percentages of genetic advance were recorded fruits length, number of fruits per cluster, number of fruits per plant, total yield per plant, yield per plot, yield per hectare which indicated that there were more number of additive factors for these characters and improvement in yield could be brought about by selection based on phenotypic observations.

Key words : Egg plant, Genetic variability, Brinjal

* **Author for correspondence.** Present Address : Functional Food Development Department, Research and Development Centre, The Himalaya Drug Company, Makali, BANGALORE (KARNATAKA) INDIA