

558. Tyagi, P.C. and Koranne, K.D. 1983. Genetic variability in fingermillet. Programme & Abstracts, National Symp. on Finger Millet Genetics and Breeding, UAS, Hebbal, Bangalore, Jan. 12-13, 1983: 23.

A study was undertaken to estimate genetic variability, heritability and genetic advance for yield and yield contributing characters in finger millet. The study based on 29

genotypes from different agro-climatic regions of India revealed significant genotypic and phenotypic variability for days to 50% flowering, plant height, number of fingers/ear, number of productive tillers/plant, days to maturity, 1000 seed weight and yield per plant. Heritability and genetic advance was high for 50% flowering and maturity indicating the role of additive genes in the control of these characters. Higher heritability was also observed in respect of grain yield/plant, fingers/ear, 1000 grain weight, plant height and productive tillers/plant.