

Characterization of Cotton Genotypes

B Sarada, M Lal Ahamed, V Satyanarayana Rao and B Sreekanth

Department of Genetics and Plant Breeding, Agricultural College, Bapatla 522101,
A P

ABSTRACT

The problem normally in germplasm collection is uncharacterization for common germplasm descriptors. A systematic study was conducted to characterize the forty cotton germplasm lines collected from different parts of the country using IBPGR descriptors at Agricultural College, Bapatla, India. The data was collected on days to 50% flowering, stem, leaf, flower, boll, and quality parameters. Variability was observed for twenty two parameters out of twenty nine descriptors studied in the forty genotypes. The descriptors are helpful in breeding for multiple disease resistant cultivars and improving the fibre quality characteristics.

Key words : Characterization, Cotton, Descriptors, IBPGR.