Characterization of Cotton Germplasm using IBPGR Descriptors

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ABSTRACT

One of the problems in germplasm collection is uncharcterization for common germplasm descriptors. A systematic study was conducted to characterize the sixty cotton germplasm lines using IBPGR descriptors at Agricultural College, Bapatla, India. The data was collected on days to 50 per cent flowering, stem, leaf, flower, boll and quality parameters. Variability was observed for twenty two parameters out of twenty nine descriptors studied. The descriptors are helpful in breeding for multiple disease resistant cultivars and improving the fiber quality characteristics.

Key words : Characterization, Cotton, Descriptors, IBPGR.