

Assessment of Genetic Variability in Elite Clones of Teak

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Abstract—*The present investigation entitled ‘Morpho-phenological characterization of with quantitative characters in teak (Tectona grandis L.)’ was carried with thirty clones in the Department of Forestry, Dr PDKV, Akola, Maharashtra and the observations were taken from teak seed orchard, Mohghata, District Bhandara, Maharashtra. The study was undertaken for thirty clones of teak using randomized block design with three replications. The teak plantation was established in the year 1977 at a spacing of 8 x 8 m. In each treatment there were three plants of each clone in one replication. The clones studied during research and observed they were distinguish differently with each other. They differ from each other in morphological and phenological characters. Such study gives idea about differentiation of clones on the basis of their external performance.*

Keywords: morphology; phenology; teak; characterization;