



RESEARCH ARTICLE

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Genetic variability, heritability and genetic advance for pulp quality parameters of *Melia dubia* genetic resources

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ABSTRACT : We conducted a study to analyse the genetic variability, heritability and genetic advance for pulp quality parameters of *Melia dubia*. For this, 30 *Melia dubia* genetic resources were taken to analyse its physical, chemical and strength properties. Further these properties are subjected for genetic estimates. Current study shows the estimates of low GCV and PCV for many traits indicating the role of environment in the expression of the traits. Hence, the high heritability coupled with low genetic gain for all the parameters in the current study indicated that this character is strongly under genetic control as well as environmental conditions.

KEY WORDS : Genetic variability, Heritability, Genetic advance , Pulp quality, *Melia dubia*

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