

**FIBER MORPHOLOGY OF SIMPOH GAJAH (*Dillenia reticulata*)
ACCORDING TO HEIGHT PORTIONS**

By

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ABSTRACT

FIBER MORPHOLOGY OF SIMPOH (*Dillenia reticulata*) ACCORDING TO HEIGHT LEVELS.

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Fiber morphology of Simpoh (*Dillenia reticulata*) according to height levels were ascertained. The variation of the fiber properties of Simpoh with different portions were also determined. The samples representing with Diameter Breast Height (DBH) known as base, 50% for middle and 80% for the top portion. The results are indicated that the base of Simpoh showed the highest value in fiber length. But for the top portion even it hasn't long fiber compared with base, fiber wall were quite thick. Meaning that the higher of the level, the fiber become shorter. In terms of fiber analysis there were very significantly with the height level. Generally, the result on the fiber properties of Simpoh were achieved the target and standard requirements as Medium Hardwood Group.