

The Opportunity of Temulawak (*Curcuma xanthorrhiza* Roxb.) Cultivation under Kesambi (*Schleichera oleosa*) Stands ¹⁾

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ABSTRACT

Kesambi is one of the most potential forest trees which prospected to be developed in Indonesia, because this species can produce many beneficial products for using as industrial raw material in wood, biofuel and pharmaceutical industries. This mean that from its wood, bark, branch and fruit can give additional values for the users. Until now, the users in the forestry field develop this species just only for teakwood substitution and as conservation stands. In nature, Kesambi can be used as an indicator plant for the existence of the teak plantation. Temulawak is one of the pharmaceutical raw material which has the first rank in the amount of the uptake of raw material for traditional medicine commonly grow wildly under the teak stands. This condition make it possible to give the chance for land optimalization and local people empowerment by applying appropriate silviculture techniques by combining temulawak planting under Kesambi stands.

Key words: industrial raw material, kesambi stands, silviculture techniques, Temulawak