

FINANCIAL ANALYSIS OF TEAK FOREST DEVELOPMENT

(Case Study in KPH Parengan, PT Perhutani Unit II East Java)

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ABSTRACT

The objective of this research is to know the financial properness level of the 80 years rotation development of teak forest in KPH Parengan. The method used as the properness parameter is the Net Present Value (Net profit during the rotation) concept. This research is using the analysis of real interest rate of 9.5% to get the parameter.

The data analysis is using document of stands from 'kelas umur' I - VIII in side quality of 3.5. Beside the physical document of stand, the present value cost and present value income also be analysed during the rotation.

The result of the rotation for 80 years described : 1) The cost of present value of real interest rate is Rp 4 745 084.985 / ha / rotation; 2) The income of present value is Rp 11 745 755.22 / ha / rotation; 3) Net Present Value is Rp 7 000 670.235 / ha / rotation. Therefore it could be stated that teak forest effort in that rotation is financially beneficial. If there is physical product decreases until 15 % the company financially still gets the benefit of Rp 5 239 532.068 / ha / rotation.

Keyword : rotation, 'kelas umur', side quality

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