ABSTRACT

The aim of this research were to known working time, cost and productivity of skidding by tractor Komatsu d 70 LE in Forest Consession Right of PT. Inanta Timber. The research was conducted at of Forest Consession Right of PT. Inanta Timber (Sub-Province of Mandailing Natal, North Sumatera) in December 2004 until Januari 2005. The objective was to get component activity of skidding, working time, cost and productivity of skidding by tractor Komatsu D 70 LE. The data collected were skid trail-distance, log volumes, working time, productivity of skidding by tractor Komatsu D 70 LE.

The result showed that: average skidding time was 11,88 minute; average of cost skidding Rp.11171,24/m³; average of productivity of skidding was 20,93 m³/jam; volume of skidding between 1,46-8,23 and skid trail-distance between 210-850.

Key word: cost, productivity, skidding, tractor of Komatsu D 70 LE