

BIAYA DAN PRODUKTIVITAS TREE LENGTH LOGGING DI HUTAN ALAM PRODUKSI

(Cost and Productivity of Tree Length Logging in Natural Production Forest)

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ABSTRACT

This study examined cost and productivity of tree length logging system in natural production forest. The study was conducted in several forest concession in Kalimantan. The results showed that the system is capable to extract the clearbole part as main production log and the wasted log above the first branch into the landing point. Skidding productivity of tree length system in PT Gunung Gajah Abadi 6,25 m³ /jam/hm, PT Narkata Rimba 15,54 m³ /jam/hm, PT Balikpapan Forest Industries 16,67 m³ /jam/hm, PT Jatitrin Co Ltd 20,76 m³ /jam/hm PT. Dwima Jaya Utama 36,69 m³ /jam/hm and PT Kayu Tribuana Rama 21,67 m³ /jam/hm.

The average cost of tree length logging system in PT Gunung Gajah Abadi is Rp 84.817,92 / m³, PT Narkata Rimba rata-rata Rp 33.636,55 / m³, di PT Balikpapan Forest Industries Rp 31.800,34 / m³ di PT Jatitrin Co Ltd rata-rata Rp. 25.535,26 / m³, di PT Dwimajaya Utama Rp 14.155,19 / m³ dan PT Kayu Tribuana Rama Rp. 25.207,41 / m³.

Keyword: Skidding, cost, productivity, tree length logging

ABSTRAK

Kegiatan penelitian bertujuan untuk mengetahui biaya dan produktivitas di hutan produksi alam. Hasil penelitian sistem *tree length logging* ini mampu mengeluarkan batang bebas cabang dan limbah batang diatas cabang pertama sampai di TPn. Produktivitas penyaradan *tree length system* di PT Gunung Gajah Abadi 6,25 m³ /jam/hm, PT Narkata Rimba 15,54 m³ /jam/hm, PT Balikpapan Forest Industries 16,67 m³ /jam/hm, PT jatitrin Co Ltd 20,76 m³ /jam/hm PT. Dwima Jaya Utama 36,69 m³ /jam/hm dan PT Kayu Tribuana Rama 21,67 m³ /jam/hm.

Biaya penyaradan kayu dengan *tree length system* di PT Gunung Gajah Abadi rata-rata sebesar Rp 84.817,92/m³ di PT Narkata Rimba rata-rata Rp 33.636,55 / m³, di PT Balikpapan Forest Industries rata-rata Rp 14.155,19 / m³ di PT Jatitrin Co Ltd rata-rata Rp. 25.535,26 / m³, di PT Dwimajaya Utama rata-rata Rp 14.155,19/m³ dan PT Kayu Tribuana Rama rata-rata Rp. 25.207,41/m³.

Katakunci: Penyaradan, biaya, produktivitas, *tree length logging*