ABSTRAK

KOMPOSISI PRODUK OPTIMAL DENGAN LINEAR PROGRAMMING
UNTUK MEMAKSIMUMKAN LABA
Studi Kasus Pada UD Tri Harto
Jalan Wonosari Km 11 Yogyakarta

B. Sarwasti Kartika Sari
Universitas Sanata Dharma
Yogyakarta
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Penelitian ini bertujuan untuk mengetahui : (1) total laba kontribusi menurut komposisi anggaran produksi, (2) optimalisasi produk yang dihasilkan UD Tri Harto tahun 2004, (3) perbedaan antara total laba kontribusi menurut komposisi anggaran produksi dengan total laba kontribusi komposisi produk optimal.

Penelitian studi kasus ini dilakukan di UD Tri Harto Yogyakarta pada bulan November 2004 sampai dengan Januari 2005. Teknik pengumpulan data yang digunakan adalah wawancara, observasi dan dokumentasi. Analisis data dilakukan dengan langkah-langkah sebagai berikut : (1) menghitung total laba kontribusi menurut komposisi anggaran produksi, (2) menentukan komposisi produk optimal yang dihasilkan oleh UD Tri Harto tahun 2004, (3) membandingkan antara total laba kontribusi menurut komposisi anggaran produksi dengan total laba kontribusi komposisi produk optimal.

ABSTRACT

**THE OPTIMAL PRODUCT COMPOSITION BY LINEAR
PROGRAMMING TO MAXIMIZE PROFIT
A Case Study at "UD Tri Harto" Yogyakarta
Jalan Wonosari Km 11 Yogyakarta**

B. Sarwasti Kartika Sari
Sanata Dharma University
2006

This research was aimed to know : (1) total contribution profit based on the production budget composition, (2) the product optimalization resulted by "UD Tri Harto" 2004, (3) the difference between total contribution profit based on the production budget composition and based on optimal product composition.

This research was held at "UD Tri Harto" Yogyakarta from November 2004 to January 2005. The data collecting technique used were interviews, observation and documentation. The data analysis was conducted with the following steps : (1) counting the total contribution profit based on production budget composition, (2) determining the optimal product composition resulted by "UD Tri Harto" 2004, (3) comparing between the total contribution profit based on production budget composition based on optimal product composition.

The result of this reaserch showed that : (1) the total contribution profit based on production budget composition was Rp 114.537.033,4; (2) the product composition resulted by UD Tri Harto 2004 has been optimal for "Konblok Segi Tiga 5359,70 m^2", "Konblok Segi Enam 2982,70 m^2", "Konblok Segi Enam 5799,30 m^2", and the total contribution profit was Rp 115.283.500,00; (3) there was no significant difference