

INTISARI

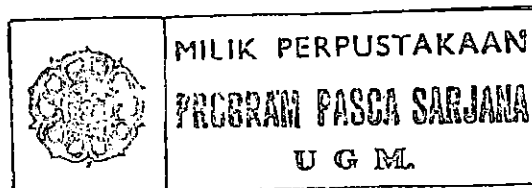
Kelayakan Pengolahan Sampah Kota Malang untuk Produksi Kompos *(Eligibility of Compost Production from Organic Garbage in Malang City)*

Sampah kota berpotensi untuk diolah menjadi produk bernilai. Di kota Malang sampah organik mampu diolah menjadi kompos. Kelayakan pengolahannya dianalisis secara kuantitatif dan kualitatif berdasarkan data hasil pengolahan selama 17 bulan terakhir dari penelitian dilakukan di tempat pengolahan sampah yaitu ex TPA Gadang.

Penilaian terhadap kos operasi pengolahan sampah didekati dengan harga bayangan. Analisis kuantitatif dilakukan dengan menggunakan *Payback Period*, *NPV*, *IRR*, dan *PI*. Analisis kualitatif mendeskripsikan aspek pasar konsumen dan produsen, pemasaran, teknik dan teknologi, manajemen, sumber daya manusia, ekonomi, lingkungan dan sosial, lingkungan industri, yuridis, dan lingkungan hidup. Kelayakan pengolahan sampah kota Malang untuk produksi kompos ditunjukkan oleh periode pengembalian modal yang relatif cepat.

Hasil analisis finansial menunjukkan bahwa aktivitas pengolahan sampah organik kota umumnya layak dan dapat dilaksanakan untuk aktivitas bisnis.

Kata kunci: Pengolahan, Sampah, dan Kompos



ABSTRACT

Elegibility of Compost Production from Organic Garbage in Malang City

Town Garbage have potency to be processed to become the valuable product. Organic garbage at Malang town may also able to be processed to become compost. Its Processing elegibility was analysed quantitatively and qualitative pursuant based on data of result processing during the last 17 month from research done in ex TPA Gadang.

Assessment of boarding operation cost for garbage processing approximately the same as the shadow price. Quantitative analysis was done by using Payback Period, NPV, IRR, and PI. Qualitative description analysis was also done for market consumer and producer, marketing, technique and technology, management, human resource, economic, environment and social, industrial environmental, yuridis, and environment. Elegible garbage processing of Malang town to produce compost shown by period of capital return which relatively in short time to get return.

The result of financial analysis show that processing activity for the town organic garbage are mostly eligible and feasible to be done for business activity.

Keyword: Processing, Garbage, and Compost.