

## **INTISARI**

Penelitian ini bertujuan untuk mengetahui pengaruh aplikasi bahan organik dan bahan organik yang paling efektif terhadap pertumbuhan tanaman tomat (*Solanum lycopersicum L.*) pada lahan bekas tambang timah

Penelitian dilaksanakan dengan menggunakan metode percobaan lapangan yang dilakukan di polybag dengan perlakuan rancangan faktor tunggal. Penelitian terdiri dari 4 perlakuan yaitu tanpa perlakuan bahan organik, 30 ton/hektar pupuk kandang sapi, 30 ton/hektar pupuk kandang ayam dan 30 ton/hektar pupuk kompos eceng gondok

Hasil penelitian menunjukkan bahwa perlakuan bahan organik berpengaruh terhadap pertumbuhan tanaman tomat di lahan bekas tambang timah dan pupuk kompos eceng gondok memberikan pertumbuhan tomat yang paling efektif.

Kata kunci : Pupuk Organik, Tanah Tailing, Tomat

## **ABSTRACT**

*This study aims to determine the effect of the application of organic matter and the most effective organic matter on the growth of tomato plants (*Solanum lycopersicum* L.).*

*on former tin mining land The study was conducted using a field experiment method carried out in polybags with a single factor design treatment. The study consisted of 4 treatments, namely without treatment of organic matter, 30 tons / hectare of cow manure, 30 tons / hectare of chicken manure and 30 tons / hectare of water hyacinth compost*

*The results showed that the treatment of organic matter had an effect on the growth of tomato plants in the former tin mining and compost water hyacinth land providing the most effective tomato growth.*

*Keywords: Organic Fertilizer, Tailings, Tomatoes*