

PENGARUH MEDIA TANAM KOMPOS ALANG-ALANG DENGAN PUKAN AYAM TERHADAP PERTUMBUHAN BIBIT KELAPA SAWIT DI PEMBIBITAN AWAL

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INTISARI

Media tanam adalah media yang digunakan untuk menumbuhkan tanaman, tempat akar akan tumbuh dan berkembang. Penelitian ini bertujuan untuk Memanfaatkan alang-alang dan kotoran ayam sebagai media tanam. Percobaan dilakukan di lahan petani milik bapak Widodo Dusun Jurug, Desa Agrossari, Kecamatan Sedayu, Kabupaten Bantul, Provinsi Daerah Istimewa Yogyakarta selama tiga bulan. Metode yang digunakan adalah rancangan acak lengkap (RAL) dengan enam perlakuan komposisi media tanam dan tiga ulangan. Komposisi media tanam terdiri dari: Perlakuan kontrol = 1 kg tanah subsoil ; 100% pupuk kandang ayam = 0.75 kg pupuk kandang ayam dengan 0.25 kg tanah ; 75% Pupuk Kandang ayam dan 25% kompos alang-alang = 0.18 kg kompos alang-alang, 0.56 pupuk kandang ayam dengan 0.25 tanah ; 50% Pupuk kandang ayam dan 50% kompos alang-alang = 0.37 kompos alang-alang, 0.37 pupuk kandang ayam, dengan 0.25 kg tanah ; 25% Pupuk kandang ayam dan 75 % kompos alang-alang = 0.56 kompos alang-alang, 0.18 pupuk kandang ayam, dengan 0.25 tanah ; dan 100% Kompos alang-alang = 0.75 kg kompos alang-alang dengan 0.25 tanah. Hasil penelitian menunjukkan, media tanam yang terdiri dari berbagai perbandingan kompos alang-alang dan pupuk kandang ayam belum mampu memberikan perbedaan yang nyata pada pertumbuhan bibit di pembibitan awal kelapa sawit.

Kata kunci : Media tanam, kompos alang-alang, pupuk kandang ayam, tanah subsoil

***EFFECT OF PLNTING MEDIA REEDS COMPOST COMBINE WITH
CHICKEN MANURE COMPOST FOR GROWTH SEED OF PALM OIL IN
EARLY BREEDING***

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ABSTRACT

Planting media is a medium used to grow plants, where the roots will grow and develop. This research aims to utilize the weeds and chicken manure as a growing medium. The experiments were conducted on the farmer's land owned by Mr. Widodo Hamlet Jurug, Agrossari village, Sedayu Sub-district, Bantul Regency, Special region of Yogyakarta for three months. The method used is a complete random draft (RAL) with six treatment of planting media composition and three repeats. The composition of the planting media consist of: control treatment = 1 kg of subsoil; 100% chicken manure compost = 0.75 kg of chicken manure compost with 0.25 kg of soil; 75% chicken manure and 25% compost alang-Alang = 0.18 kg of reeds compost, 0.56 kg chicken manure compost with soil 0.25 kg; 50% manure chicken compost and 50% reeds compost = 0.37 reeds compost, 0.37 chicken manure compost, with 0.25 kg of subsoil; 25% chicken manure compost and 75% of reeds compost = 0.56 reeds compost, 0.18 chicken manure compost, with 0.25 subsoil; and 100% of reeds compost = 0.75 kg of reeds compost with 0.25 subsoil. The results showed, media planting that is based on the comparison of reeds compost and chicken manure compost has not been able to provide a real difference on breeding growth in the early breeding of palm oil.

Keywords: planting Media, reeds compost, chicken manure compost, subsoil

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