

PENGARUH KOMPOSISI MEDIA TANAM PUPUK KANDANG AYAM DAN SEKAM TERHADAP PERTUMBUHAN DAN HASIL TANAMAN CAISIM

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INTISARI

Penelitian ini bertujuan untuk mengetahui pengaruh komposisi media tanam pupuk kandang ayam dan sekam terhadap pertumbuhan dan hasil tanaman caisim. Penelitian ini dilakukan di Dusun Kepuhan, Desa Agrorejo, Kecamatan Sedayu, Kabupaten Bantul, Daerah istimewa Yogyakarta dari bulan Maret 2021- Mei 2021. Penelitian ini menggunakan benih caisim varietas toसान. Penelitian ini menggunakan metode Rancangan Acak Lengkap (RAL) dengan 5 perlakuan setiap perlakuan terdapat 3 ulangan, sehingga didapat 15 unit perlakuan, setiap unit perlakuan terdiri dari 10 tanaman. Total tanaman sebanyak 150 tanaman. Perlakuan tersebut adalah Komposisi Media Tanah : Pupuk kandang ayam : Sekam(1 : 0 : 0), Komposisi Media Tanah : Pupuk kandang ayam : Sekam(1 : 1 : 1), Komposisi Media Tanah : Pupuk kandang ayam : Sekam(1 : 2 : 1), Komposisi Media Tanah : Pupuk kandang ayam : Sekam(1 : 1 : 2), dan Komposisi Media Tanah : Pupuk kandang ayam : Sekam(1 : 1 : 0). Hasil penelitian menunjukkan komposisi media tidak berpengaruh terhadap pertumbuhan namun berpengaruh terhadap hasil caisim. dengan rasio volume Komposisi media tanah: pupuk kandang: sekam (1:1:0) memberikan hasil bobot, bobot segar tajuk 181,80 gram, dan bobot layak jual 172,83 gram.

Kata Kunci :caisim, komposisi media, pupuk kandang ayam, sekam

**EFFECT OF CHICKEN CAGE AND HUSK FERTILIZER
COMPOSITION PLANTING MEDIA ON GROWTH AND
PRODUCTION OF CAISIM PLANT**

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ABSTRACT

study aims to determine the effect of the composition of the growing media of chicken manure and husk on the growth and yield of caisim plants. This research was conducted in Kepuhan Hamlet, Agrorejo Village, Sedayu District, Bantul Regency, Special Region of Yogyakarta from March 2021 to May 2021. This study used caisim seeds of the Tosakan variety. This study used a completely randomized design (CRD) method with 5 treatments, each treatment had 3 replications, so that 15 treatment units were obtained, each treatment unit consisted of 10 plants. The total plants are 150 plants. The treatments were Soil Media Composition : Chicken Manure : Husk(1 : 0 : 0), Soil Media Composition : Chicken Manure : Husk(1 : 1 : 1), Soil Media Composition : Chicken Manure : Husk(1: 2 : 1), Soil Media Composition : Chicken Manure : Husk(1 : 1 : 2), and Soil Media Composition : Chicken Manure : Husk(1 : 1 : 0). The results showed that the composition of the media had no effect on growth but had an effect on the yield of caisim. with volume ratio Composition of soil media: manure: husk (1:1:0) gave the yield of weight, fresh weight of crown 181.80 grams, and marketable weight of 172.83 grams

Keywords: caisim, composition media, Chicken manure, Husk