

PENGARUH MACAM MEDIA LIMBAH JAMUR TERHADAP PERTUMBUHAN DAN HASIL TANAMAN KAILAN DALAM HIDROPONIK SISTEM TETES

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INTISARI**

Penelitian dengan tujuan mengetahui berbagai komposisi media tanam limbah baglog jamur tiram dan merang yang di komposisikan dengan pasir pada pertumbuhan dan hasil tanaman kailan dengan sisitem Hidroponik Drip, telah dilakukan pada bulan Februari sampai april 2019, di kebun percobaan Universitas Mercubuana Yogyakarta unit gunung bulu Yogyakarta. Penelitian menggunakan Rancangan Acak Lengkap dengan satu factorial ,terdiri atas 10 unit percobaan dan 3 kali ulangan. Komposisi media limbahjamur merang : Pasir yang dicoba adalah (1:1),(1:2),(2:1) dan limbah media jamur tiram : Pasir dengan perbandingan (1:1), (1:2), (2:1). Hasil Penelitian menunjukkan bahwa perbandingan media limbah baglog tiram : pasir (1:1) merupakan perbandingan yang pas buat media tumbuh tanaman kailan.

Kata Kunci : Kailan, Limba media jamur merang tiram, Pasir, hidroponik system tetes, Pertumbuhan, hasil

EFFECT OF KIND OF MUSHROOM WASTE MEDIA ON KAILAN GROWTH AND YIELD WITH HYDROPONIC DRIP SYSTEM

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ABSTRACT

The research aimed to find out various composition of the planting media of baglog oyster mushroom waste and straw which is composed with sand on the growth and yield of kailan plants with the Hydroponic Drip system has been carried out from February to April 2019, in the experimentalstasion of the University of Mercubuana Yogyakarta. The study used a completely randomized design with one factorial,consisted of 10 units of experiment and 3 replications. The composition of the waste mushroom media: Sand were(1: 1), (1: 2), (2: 1) and oyster mushroom media waste: Comparative sand were (1: 1), (1: 2), (2: 1). The results showed that the ratio of oyster: sand baglog media waste (1: 1) was the exact ratio for the kailan planting medium.

Keywords: Kailan, Oyster mushroom media waste, Sand, hydroponics drip,system, growth, yield