

Pengaruh Media Tanam terhadap Pertumbuhan Bibit Tanaman Gandarusa (*Justicia Gendarussa* Burm. F)

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ABSTRAK

Penelitian ini bertujuan mengetahui media tanam yang baik untuk pertumbuhan bibit tanaman gandarusa. Penelitian ini telah dilakukan pada Februari – April 2016 di Kebun Percobaan Agroteknologi. Percobaan ini menggunakan Rancangan Acak Lengkap non faktorial, yaitu tanah, tanah: kompos (1:1), tanah: pupuk kandang sapi (1:1), tanah: pupuk kandang ayam (1:1), tanah: kompos: pasir (1:1:1), tanah: pupuk kandang sapi: pasir (1:1:1), tanah: pupuk kandang ayam: pasir (1:1:1). Seluruh perlakuan dibuat empat ulangan. Masing – masing satuan percobaan terdiri atas 3 sampel. Hasil percobaan menunjukkan bahwa macam media tanam berpengaruh nyata terhadap panjang tunas, jumlah daun, luas daun, jumlah akar, bobot basah, dan bobot kering tanaman, tetapi tidak berpengaruh terhadap saat muncul tunas. Media tanam yang terdapat pupuk kandang ayam merupakan media tanam yang terbaik untuk digunakan pada pembibitan tanaman gandarusa.

Kata kunci : *Media tanam, Gandarusa (*Justicia Gendarussa* Burm. F), pupuk kandang ayam*

Effect of Planting Media toward The Seedling Growth of Gandarusa Plants (*Justicia gendarussa* Burm. F)

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ABSTRAK

This study aims to determinate the influence of growing media toward the seedling growth of Gandarusa plants. The experiment was conducted from February – April 2016 in Experimental Garden Agrotekhnology. The experiment used Completely Randomized Desig non factorial, land, soil : compost (1:1), soil : cow manure (1:1), soil : chicken manure (1:1), soil : compost : sand (1:1:1), soil : cow manure :sand (1:1:1), and soil : chicken manure : sand (1:1:1). There were four replications. Each experimental unit contained 3 samples. Results show that kinds of planting media significantly affected the shoot length, number of leaves, leaf area, number of roots, fresh weight and dry weight of plants, but not affect the shoots as they appear. The planting media that contained chicken manure is the best growing media for use in plant nurseries.

Key Words : *Planting media, Gandarusa (*Justicia Gendarussa* Burm. F), chicken manure*