

**PERLAKUAN BERBAGAI DIAMETER BATANG DAN KOMPOSISI  
MEDIA TANAM TERHADAP PERTUMBUHAN STEK BUGENVIL  
(*Bougainvillea spectabilis* Wild.)**

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**ABSTRAK**

Bugenvil merupakan tanaman hias yang banyak digemari masyarakat di Indonesia. Penelitian ini bertujuan untuk mengetahui interaksi antara diameter batang stek dengan komposisi media tanam, menentukan diameter batang stek yang paling baik, dan menentukan komposisi media tanam yang paling tepat terhadap pertumbuhan stek Bugenvil. Penelitian dilaksanakan di Kebun Percobaan Fakultas Pertanian UPN “Veteran” Yogyakarta yang terletak di Wedomartani, Ngemplak, Sleman, Yogyakarta. Metode penelitian menggunakan Rancangan Acak Lengkap (RAL) 2 faktor. Faktor pertama adalah diameter batang yang terdiri dari tiga aras (6 mm, 18 mm, dan 30 mm). Faktor kedua adalah komposisi media tanam yang terdiri dari tiga aras (tanah; tanah : arang sekam (1:1); tanah : pasir (1:1)). Hasil penelitian menunjukkan bahwa kombinasi perlakuan diameter batang stek 30 mm dan komposisi media tanam tanah : arang sekam memberikan hasil yang terbaik pada parameter jumlah daun, jumlah akar, panjang akar terpanjang, berat basah akar, dan volume akar. Diameter batang stek 30 mm memberikan hasil terbaik pada parameter waktu munculnya tunas dan jumlah tunas. Komposisi media tanam tanah : arang sekam memberikan hasil terbaik pada parameter waktu munculnya tunas.

Kata Kunci: *Stek Bugenvil, Diameter Batang, Media Tanam*

**THE TREATMENT OF VARIOUS STEM DIAMETER AND  
COMPOSITION OF THE PLANTING MEDIUM AGAINST THE  
GROWTH OF BOUGAINVILLEA CUTTINGS (*Bougainvillea spectabilis*  
Wild.)**

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**ABSTRACT**

Bougainvillea is an ornamental plant that is popular with people in Indonesia. This research aim to know the interaction between the cuttings stem diameter and the composition of the planting medium, determine the best cuttings stem diameter, and determine the most appropriate composition of the planting medium for the growth of Bougainvillea cuttings. The research was conducted at Research Field Faculty of Agriculture, UPN "Veteran" Yogyakarta, located in Wedomartani, Ngemplak, Sleman, Yogyakarta. The research method using a Completely Randomized Design (CRD) with two factors pattern. The first factor is the cuttings stem diameter which consists of three levels (6 mm, 18 mm, and 30 mm). The second factor is the composition of the planting medium which consists of three levels (soil; soil : husk charcoal (1:1); soil : sand (1:1)). The results showed that the combination treatment with 30 mm diameter of cuttings and composition of soil planting medium : husk charcoal give the best results on the parameter of leaf number, number of roots, longest root length, root wet weight, and root volume. The cuttings stem diameter of 30 give the best results on the parameter of shoots appear time and number of shoots. The composition of the soil planting medium : husk charcoal give the best results in the parameter of the shoots appear time.

**Keywords:** *Bougainvillea Cuttings, Stem Diameter, Planting Medium*