

**KAJIAN PERTUMBUHAN STEK TANAMAN KOLESOM
(*Talinum triangulare* (Jacq.) Willd) PADA KOMPOSISI
MEDIA TANAM YANG BERBEDA**

ABSTRAK

Nurdin Hasyim¹, R. A. Sidqi Zaed ZM,² Sinar Suryawati,²

¹Mahasiswa Program Studi Agroteknologi, Fakultas Pertanian, UTM.

²Staf Pengajar Program Studi Agroteknologi, Fakultas Pertanian, UTM.

Penelitian ini bertujuan untuk mengetahui pertumbuhan stek tanaman kolesom (*Talinum triangulare*) (Jacq.) Willd) pada komposisi media tanam yang berbeda. Penelitian dilaksanakan di kebun Percobaan Jurusan Agroteknologi Fakultas Pertanian Universitas Trunojoyo Madura Kecamatan Kamal, Kabupaten Bangkalan pada bulan November–Desember 2016. Rancangan penelitian yang digunakan adalah Rancangan Acak Lengkap (RAL) dengan 4 ulangan dan 6 perlakuan yang dicoba adalah M1 (Tanah Mediteran), M2 (Tanah Mediteran + Pupuk Kandang Sapi / 3:2), M3 (Tanah Mediteran + Arang Sekam / 3:2), M4 (Tanah Mediteran + Pupuk Kandang Sapi + Arang Sekam / 3:2:1), M5 (Tanah Mediteran + Pupuk Kandang Sapi + Arang Sekam / 3:1:2), M6 (Tanah Mediteran + Pupuk Kandang Sapi + Arang Sekam / 3:1:1), variabel yang diamati adalah waktu muncul tunas, jumlah daun, jumlah cabang, jumlah akar, bobot basah dan bobot kering organ tanaman. Hasil pengamatan dianalisis dengan *Analysis of Variance* (ANOVA) dan apabila ada pengaruh nyata pada perlakuan maka dilanjutkan dengan uji BNT 5%. Perlakuan komposisi media tanam berpengaruh nyata terhadap semua variabel pengamatan kecuali pada variabel waktu muncul tunas tidak berpengaruh nyata, perlakuan M2 (Tanah Mediteran + Pupuk Kandang Sapi / 3:2) menghasilkan jumlah daun, jumlah cabang, jumlah akar, jumlah umbi, bobot basah dan bobot kering tanaman yang lebih tinggi dibandingkan perlakuan media tanam lainnya.

Kata kunci : *Talinum triangulare* (Jacq.) Willd), media tanam, stek.

**STUDY ON PLANT GROWTH CUTTINGS GINSENG
(*Talinum triangulare* (Jacq.) Willd) IN COMPOSITION
DIFFERENT PLANTING MEDIA**

ABSTRACT

Nurdin Hasyim ¹, R. A. Sidqi Zaed ZM,² Sinar Suryawati,²

¹Student of Agrotechnology, Faculty of Agriculture, UTM.

²Lecturer of Agrotechnology, Faculty of Agriculture, UTM.

This study aims to determine the growth of ginseng plant cuttings (*Talinum triangulare* (Jacq.) Willd) in different growing media composition. Research carried out in the garden experiment is the Department of Agro Technology Faculty of Agriculture, University of the District of Madura Trunojoyo Kamal, Bangkalan in November-December 2016. The research design used was completely randomized design (CRD) with 4 replications and 6 treatments are tried are M1 (Land of the Mediterranean), M2 (Land Mediterranean + manure Cattle / 3: 2), M3 (Land Mediterranean + Charcoal Husk / 3: 2), M4 (Land Mediterranean + manure Ox + Charcoal Husk / 3: 2: 1), M5 (Land Mediterranean + manure Ox + Charcoal Husk / 3: 1: 2), M6 (Land Mediterranean + manure Ox + Charcoal Husk / 3: 1: 1), observed variables is the time to appear shoots, number of leaves, number of branches, number of roots , fresh weight and dry weight of plant organs. Results were analyzed with Analysis of Variance (ANOVA) and if there is a real effect on the treatment then continued with BNT 5%. The treatment composition planting medium significantly affected all the variables observation except at the time variables appear shoots no real effect, treatment M2 (Land Mediterranean + Manure Cattle / 3: 2) produces the number of leaves, number of branches, the number of root, tuber number, fresh weight and plant dry weight were higher than other treatments planting medium.

Keywords: *Talinum triangulare* (Jacq.) Willd), planting medium, cuttings.