

**PENGARUH TAKARAN CACAHAN PELEPAH KELAPA SAWIT  
DAN PUPUK KASCING SEBAGAI MEDIA TANAM BIBIT  
BUNGA PUKUL DELAPAN (*Turnera subulata* J. E. Smith)**

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INTISARI

Pelepah kelapa sawit merupakan salah satu limbah yang belum dimanfaatkan maksimal. Pelepah untuk media tanam bunga pukul delapan dapat meningkatkan nilai ekonomi perkebunan kelapa sawit. Tanaman bunga pukul delapan untuk tanaman inang bagi predator hama ulat api. Penelitian ini dilaksanakan untuk mempelajari interaksi dan takaran yang terbaik terhadap pertumbuhan bibit bunga pukul delapan. Penelitian ini dilaksanakan di Argosari, Sedayu, Bantul dengan ketinggian 87,5 m dpl pada Maret 2019 sampai Juni 2019. Rancangan percobaan yang digunakan adalah Rancangan Acak Kelompok Lengkap (RAKL) dua faktor, empat perlakuan dengan tiga ulangan. Faktor yang digunakan adalah pelepah kelapa sawit A1 : pelepah kelapa sawit 0 g/polybag, A2 : pelepah kelapa sawit 125 g/polybag, A3 : pelepah kelapa sawit 250 g/polybag dan A4 : pelepah kelapa sawit 375 g/polybag dan pupuk kascing B1 : pupuk kascing 0 g/polybag, B2 : pupuk kascing 100 g/polybag, B3 : pupuk kascing 200 g/polybag dan B4 : pupuk kascing 300 g/polybag, diulang sebanyak tiga kali sehingga diperoleh 48 satuan percobaan masing-masing terdiri dari 3 tanaman. Hasil penelitian menunjukkan bahwa cacahan pelepah kelapa sawit dan pupuk kascing terdapat interaksi. Takaran cacahan pelepah kelapa sawit 0 gram/tanaman dengan pupuk kascing 300 gram/tanaman pertumbuhan bunga pukul delapan (*Turnera subulata*) terbaik.

Kata Kunci : Pelepah Kelapa Sawit, Pupuk Kascing, Bunga Pukul Delapan

**EFFECT OF CHOPPED OIL PALM FROND AND KASING MANURE  
AS PLANTING MEDIA OF HOLY ROSE  
(*Turnera subulata* J. E. Smith) SEEDLING**

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*ABSTRACT*

*Oil palm frond is a waste that has not been fully utilised. Oil palm frond for Holy rose planting media is able to increase the economic value of oil palm plantation. The Holy rose is a host plant to attract predators of fire caterpillar. This research was aimed to know the interaction and the right dose on growth of Holy rose seedling. This research was conducted in Argosari, Sedayu, Bantul with 87,5 meters above sea level altitude started from March 2019 to June 2019. The design of experiment used was a Complete Randomized Block Design (RCBD) with two factors, four treatments and three replications. The first factor was oil palm frond with A1: 0 g/polybag, A2: 125 g/polybag, A3: 250 g/polybag dan A4 : 375 g/polybag and the second factor was kasing manure with B1 : 0 g/polybag, B2: 100 g/polybag, B3: 200 g/polybag and B4: 300 g/polybag, replicated three times, thus there were 48 units of trial were obtained and each consists of three plants. The result showed that there was an interaction on chopped oil palm frond and kasing manure. The dose of 0 gram/ plant of oil palm manure with 300 gram/ plant of kasing manure indicated the best growth on (*Turnera subulata*).*

**Keywords:** *Oil palm frond, kasing manure, holy rose*