

**PENGARUH MEDIA TANAH PASIRAN DAN TANDAN KOSONG
KELAPA SAWIT (TKKS) TERHADAP PERTUMBUHAN BIBIT
KELAPA SAWIT *PRE-NURSERY***

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INTISARI

Penelitian ini bertujuan untuk mengetahui tentang pertumbuhan bibit kelapa sawit (*Elaeis guineensis* Jacq.) pada masa *Pre-Nursery*. Penelitian dilakukan pada bulan 9 April 2019 sampai 17 Juli 2019 dilaksanakan di lahan petani milik bapak Widodo yang terletak di Dusun Jurug, Argosari, Sedayu, Bantul. Rancangan penelitian yang digunakan adalah rancangan acak kelompok lengkap (RAKL) 1 faktor, 5 perlakuan dan 3 ulangan. Perlakuan yang diujikan adalah A: (0% TKKS : 100% tanah pasiran), B: (25% TKKS : 75% tanah pasiran), C: (50% TKKS : 50% tanah pasiran), D: (75% TKKS : 25% tanah pasiran) dan E: (100% TKKS : 0% tanah pasiran) Parameter yang diamati adalah tinggi tanaman, jumlah daun, bobot segar tajuk, bobot kering tajuk, bobot segar akar, bobot kering akar, volume akar, ratio tajuk/akar, analisis media awal dan analisis data. Hasil penelitian menunjukkan bahwa media pasir dan kompos TKKS belum dapat memberikan pengaruh yang baik terhadap pertumbuhan bibit kelapa sawit di *pre-nursery*.

Kata kunci : Kelapa sawit, *Pre-Nursery*, Tandan kosong kelapa sawit.

**THE EFFECT OF SANDY SOIL MEDIA AND OIL PALM EMPTY FRUIT
BUNCH (OPEFB) ON GROWTH OF OIL PALM SEEDLINGS IN PRE-
NURSERY**

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ABSTRACT

*This research aimed to know about the growth of oil palm seedlings (*Elaeis guineensis* Jacq.) in pre-nursery stage. This study is conducted on April 9, 2019 to July 17, 2019 in Mr. Widodo's farming land which is located in Jurug village, Argosari, Sedayu, Bantul. This research used 1 factor, 5 treatments, and 3 repetitions Completely Randomized Design (CRD). The treatment tested is A: (0% OPEFB : 100% sandy soil), B: (25% OPEFB : 75% sandy soil), C: (50% OPEFB : 50% sandy soil), D: (75% OPEFB : 25% sandy soil) dan E: (100% OPEFB : 0% sandy soil). The parameter observed were plant height, number of leaves, crown fresh weight, crown dry weight, root fresh weight, root dry weight, root volume, crown/root ratio, initial media analysis and data analysis. The result from this study showed that sandy soil media and OPEFB compost could not have a good effect on the growth of oil palm seedlings in pre-nursery.*

Keywords : *Oil Palm, Pre-Nursery, Oil Palm Empty Fruit Bunch.*