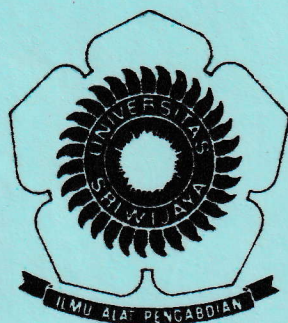


SKRIPSI

**PENGARUH BOBOT ISI ARTIFISIAL DAN
PEMBERIAN PUPUK ORGANIK CAIR (POC),
LIMBAH CAIR PABRIK KELAPA SAWIT (PKS),
LINDI SAMPAH TERHADAP PRODUKSI TANAMAN
CAISIM (*Brassica chinensis*)**

**EFFECT OF ARTIFICIAL BULK DENSITY AND
GRANTING LIQUID ORGANIC FERTILIZER (LOF),
PALM OIL MILL EFFLUENT (POME), WASTE
LEACHATE On CROP PRODUCTION CAISIM
(*Brassicca chinensis*)**



**Dwi Seftiyani Putri
05081002019**

**PROGRAM STUDI ILMU TANAH
JURUSAN TANAH
FAKULTAS PERTANIAN
UNIVERSITAS SRIWIJAYA
2014**

LEMBAR PENGESAHAN

**PENGARUH BOBOT ISI ARTIFISIAL DAN
PEMBERIAN PUPUK ORGANIK CAIR (POC),
LIMBAH CAIR PABRIK KELAPA SAWIT (LCPKS),
LINDI SAMPAH TERHADAP PRODUKSI TANAMAN
CAISIM (*Brassica chinensis*)**

SKRIPSI

Sebagai Salah Satu Syarat Untuk
Memperoleh Gelar Sarjana Pertanian

Oleh :

Dwi Seftiyani Putri


05081002019

Inderalaya, Agustus 2014

Pembimbing I

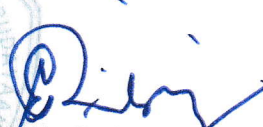

Ir. Bakri, M.P.
NIP 196606251993031001

Pembimbing II


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Mengetahui,


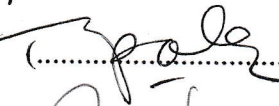
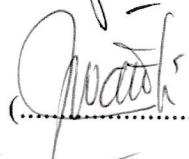
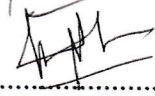

Dekan Fakultas Pertanian


Dr. Ir. Erizal Sodikin
NIP 196002111985031002



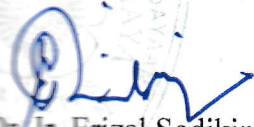
Skripsi dengan judul "Pengaruh Bobot Isi Artifisial dan Pemberian Pupuk Organik Cair (POC), Limbah Pabrik Kelapa Sawit (PKS), Lindi Sampah Terhadap Produksi Tanaman Caisim (*Brassicca chinensis*)" oleh Dwi Seftiyani Putri telah dipertahankan di hadapan Komisi Penguji Skripsi Fakultas Pertanian Universitas Sriwijaya pada tanggal 11 Juli 2014 dan telah diperbaiki sesuai saran dan masukan dari tim penguji.

Komisi Penguji

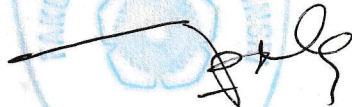
- | | | |
|--|------------|---|
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Inderalaya, Juli 2014

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PERNYATAAN INTEGRITAS

Yang bertanda tangan di bawah ini :

Nama : Dwi Seftiyani Putri
NIM : 05081002019
Judul : Pengaruh Bobot Isi Artifisial dan Pemberian Pupuk Organik Cair (POC), Limbah Cair Pabrik Kelapa Sawit (LCPKS), Lindi Sampah Terhadap Produksi Tanaman Caisim (*Brassicca chinensis*).

Menyatakan bahwa semua data dan informasi yang dimuat di dalam skripsi ini merupakan hasil penelitian saya sendiri di bawah supervisi pembimbing, kecuali yang disebutkan dengan jelas sumbernya. Apabila di kemudian hari ditemukan adanya unsur plagiasi dalam skripsi ini, maka saya bersedia menerima sanksi akademik dari Universitas Sriwijaya.

Demikian pernyataan ini saya buat dalam keadaan sadar dan tidak mendapat paksaan dari pihak manapun.



Inderalaya, Agustus 2014



[Dwi Seftiyani Putri]

SUMMARY

DWI SEFTIYANI PUTRI. Effect of Artificial Bulk Density and Granting Liquid Organic Fertilizer (LOF), Palm Oil Mill Effluent (POME), Waste Leachate On Crop Production Caisim (*Brassicca chinensis*) (Supervised by **BAKRI** and **ADIPATI NAPOLEON**).

This research was conducted at the Greenhouse of Soil Departement, Faculty of Agriculture, Sriwijaya University. Implementation of the research conducted from july to October 2013. This research aims to determine the liquid organic fertilizer, palm oil mill effluent, garbage leachate, articially bulk density on crop production caisim (*Brassicca chinensis*), as well as the interaction between the liquid fertilizer and bulk density on crop production articially caisim. Soil bulk density analysis conducted at the Laboratory of Chemistry, Biology and Soil Fertility, Soil Departement Faculty of Agriculture, Sriwijaya University Indralaya. The method used in this research is Rondonized Complete Design with 2 factors treatments and two replications, namely: 1. Liquid Fertilizer (P_0 = Control, P_1 = Liquid Organik Fertilizer (LOF), P_2 = Palm Oil Mill Effluent (POME), P_3 = Waste Leachate), and 2. Weight Land Contents (B_1 = 1,1 gr/cm³, B_2 = 1,0 gr/cm³, B_3 = 0,9 gr/cm³). Each treatment combination was repeated 3 times, so total of 36 treatment.

The results showed that an liquid fertilizer did not significantly affect the formation of soil bulk density that is conditioned on the initial state, as well as liquid fertilizer had no significant effect on crop production.

Key Words : *Bulk Density, Liquid Fertilizer, Caisim.*

