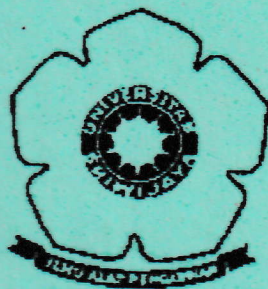


**KOMPOSISI KIMIA SILASE GABUNGAN RUMPUT KUMPAI
MINYAK (*Hymenachne amplexicaulis* (Rudge) Nees) DAN LEGUM
KEMAN AIR (*Neptunia oleracea* Lour)**

**Oleh
YULIA KOMARA**



**FAKULTAS PERTANIAN
UNIVERSITAS SRIWIJAYA**

**INDRALAYA
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Oleh
YULIA KOMARA
05101004005

telah diterima sebagai salah satu syarat
untuk memperoleh gelar
Sarjana Peternakan

Indralaya, Juli 2014

Pembimbing I



Dr. Sofia Sandi, S.Pt., M.Si

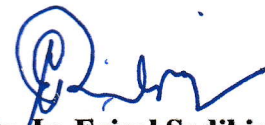
Fakultas Pertanian
Universitas Sriwijaya

Pembimbing II



Dr. Erizal Sodikin, S.Pt., M.Si




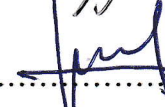

Dekan



Dr. Ir. Erizal Sodikin
NIP 196002111985031002

Skripsi berjudul "Komposisi Kimia Silase Gabungan Rumput Kumpai Minyak (*Hymenachne amplexicaulis* (Rudge) Nees) dan Legum Keman Air (*Neptunia oleracea* Lour)" oleh Yulia Komara telah dipertahankan di depan komisi pengujian pada tanggal 16 Juli 2014

Komisi Pengujian

- | | | |
|-------------------------------------|------------|--|
| 1. Dr. Sofia Sandi, S.Pt., M.Si. | Ketua | (..... ) |
| 2. Riswandi, S.Pt., M.Si. | Sekretaris | (..... ) |
| 3. Muhakka, S.Pt. M.Si. | Anggota | (..... ) |
| 4. Asep Indra M. Ali, S.Pt. M.Si. | Anggota | (..... ) |
| 5. Dr. Meisji Liana S., S.Pt. M.Si. | Anggota | (..... ) |

Mengesahkan
Ketua Program Studi Peternakan



Dr. Sofia Sandi, S.Pt., M.Si
NIP. 197011231998032005

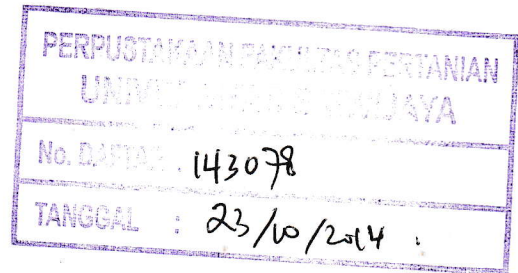
Saya yang bertanda tangan dibawah ini menyatakan dengan sesungguhnya bahwa seluruh data dan informasi yang disajikan dalam Skripsi ini, kecuali yang disebutkan dengan jelas sumbernya, adalah hasil survei dan investigasi saya sendiri dan belum pernah atau tidak sedang diajukan sebagai syarat untuk memperoleh gelar kesenjangan di tempat lain.

Indralaya, Juli 2014

Yang membuat pernyataan



Yulia Komara



SUMMARY

YULIA KOMARA, Chemical Composition Of The Combined Silage Kumpai Minyak Grass (*Hymenachne amplexicaulis (Rudge) Nees*) and Keman Air Legume (*Neptunia oleracea* Lour), Supervised by SOFIA SANDI and RISWANDI.

This research aimed to study the effect of different levels of legume use of the chemical composition of the combined silage kumpai minyak grass (*Hymenachne amplexicaulis (Rudge) Nees*) and keman air legume (*Neptunia oleracea* Lour). The research was conducted at two locations. Making silage was conducted in subdistrict Rambutan, Banyuasin distict. Furthermore, the proximate analysis was conducted in the Laboratory of Feed and Animal Nutrition Program Study, Agriculture Faculty of Sriwijaya University, from March 12th until 15th April 2014.

The method used was descriptive method. The data obtained were processed by averaging the data tabulation then presented in tabular form and analyzed descriptively.

The results of this research showed that there were an increase in nutrient content (dry matter, organic matter dan crude protein) and a decrease in crude fiber. Dry matter content ranged 55.09-55.96%, organic matter content among 87.02-88.52%, Crude protein content ranged from 28.07-29.52%, crude fiber content 20.96-27.25%.

The conclusion of this research was the use of legumes with different levels on the combined silage kumpai minyak grass (*Hymenachne amplexicaulis (Rudge) Nees*) and keman air legume (*Neptunia oleracea* Lour) could increase the content of

dry matter, organic matter and crude protein and lower crude fiber content on silage.

The best treatment was the use of legume silage with 30% legume.