

## ABSTRAK

### PENGARUH UMUR PEMOTONGAN TERHADAP KADAR AIR, ABU, DAN LEMAK KASAR *Indigofera zollingeriana*

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Penelitian ini bertujuan untuk mengetahui pengaruh umur pemotongan terhadap kadar air, abu, dan lemak kasar *Indigofera zollingeriana*. Penelitian ini menggunakan Rancangan Acak Lengkap (RAL) dengan 3 perlakuan dan 4 ulangan. Perlakuan pada penelitian ini adalah: 1) U40 (umur pemotongan 40 hari), 2) U50 (umur pemotongan 50 hari), dan 3) U60 (umur pemotongan 60 hari). *Indigofera zollingeriana* pertama kali dipangkas sampai memiliki tinggi yang sama dengan ketinggian 1 m dari permukaan tanah dan dilakukan pemetakan lahan berukuran 3x3 m<sup>2</sup> dan dipanen pada umur yang berbeda. Hasil penelitian menunjukkan bahwa umur pemotongan berpengaruh sangat nyata ( $P < 0,01$ ) terhadap kadar air, abu, dan lemak kasar *Indigofera zollingeriana*. Kadar air *Indigofera zollingeriana* umur pemotongan 40, 50, dan 60 hari yaitu berturut-turut sebesar 82,37%, 81,28%, dan 77,54%. Kadar abu *Indigofera zollingeriana* umur pemotongan 40, 50, dan 60 hari yaitu berturut-turut sebesar 9,72%, 10,51%, dan 11,57%. Kadar lemak kasar *Indigofera zollingeriana* umur pemotongan 40, 50, dan 60 hari yaitu berturut-turut sebesar 6,85%, 7,51%, dan 10,86%.

Kata kunci : *Indigofera zollingeriana*, umur pemotongan, kadar air, kadar abu, dan kadar lemak kasar.

## **ABSTRACT**

### **THE EFFECT OF CUTTING AGE ON MOISTURE, ASH, AND CRUDE FAT *Indigofera zollingeriana***

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This research aims to know the effect of cutting age on moisture, ash, and crude fat of *Indigofera zollingeriana* at Pringsewu Regency. The study was done based on Completely Randomized Design (CRD) with 3 treatments and 4 replications. The treatments in this study were : 1) U40 (40 days of cutting age), 2) U50 (50 days of cutting age), and 3) U60 (60 days of cutting age). *Indigofera zollingeriana* being cuts for the first time at 1 m height from the ground surface and plots of land measuring 3 x 3 m<sup>2</sup> and is harvested at a different age. The results showed that the effect of cutting age significantly ( $P < 0.01$ ) affect moisture, ash, and crude fat of *Indigofera zollingeriana*. Moisture content of *Indigofera zollingeriana* with cutting age of 40, 50, and 60 days were 82,37%, 81,28 %, and 77,54% respectively. Ash content of *Indigofera zollingeriana* with cutting age of 40, 50, and 60 days were 9,72%, 10,51%, and 11,57% respectively. Crude fat content of *Indigofera zollingeriana* with cutting age of 40, 50, and 60 days were 6,85%, 7,51%, and 10,86% respectively.

Key word : *Indigofera zollingeriana*, cutting age, moisture, ash, and crude fat.