

## EFEK PERBEDAAN WAKTU PEMBATASAN DAN PEMENUHAN KEMBALI PAKAN TERHADAP KONSUMSI, KECERNAAN NUTRIEN DAN PERUBAHAN BERAT BADAN PADA KAMBING KACANG JANTAN

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### INTISARI

Penelitian ini bertujuan untuk mengetahui pengaruh perbedaan waktu pembatasan dan pemenuhan kembali jumlah pakan terhadap konsumsi dan pencernaan pada kambing kacang jantan. Delapan ekor kambing kacang jantan umur lepas sapih dengan rerata berat badan 16,71 kg diberi perlakuan pembatasan (retriksi) pakan 40% dan kontrol 100% (kebutuhan). Pakan terdiri atas 60% jerami kacang tanah dan 40% konsentrat dengan pemberian pakan berdasarkan kebutuhan bahan kering (BK) 3% dari bobot badan. Manajemen pakan yang dilakukan meliputi dua aspek, yaitu restriksi pakan dan *refeeding*. Perlakuan restriksi dan *refeeding* dilakukan secara bertahap. Tahap pertama yaitu restriksi berlangsung selama 1 dan 2 bulan, dan tahap kedua yaitu *refeeding* berlangsung selama 1 bulan, dengan masa *full feeding* pakan selama sepuluh hari. Variabel yang diamati meliputi konsumsi pakan, bobot hidup ternak, dan pencernaan pakan. Data pencernaan dianalisis variasi pola searah dengan menggunakan program SPSS versi 16.0 *for Windows*. Hasil penelitian menunjukkan bahwa efek perbedaan waktu pembatasan dan pemenuhan kembali pakan tidak berpengaruh nyata terhadap konsumsi, pencernaan nutrisi dan perubahan berat badan pada kambing kacang jantan.

Kata kunci: Kambing kacang, Pembatasan pakan, ***Fulfillment of feeding***.

## EFFECT OF DIFFERENCES TIME RESTRICTED AND FULFILLMENT OF FEEDING ON CONSUMPTION, NUTRIENT DIGESTIBILITY AND CHANGE OF BODY WEIGHT ON MALE KACANG GOAT

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### ABSTRACT

This study aimed to determined the effect of differences time restricted and fulfillment of feeding on consumption, nutrient digestibility and change of body weight on male Kacang goat. Eight male Kacang goats with the weaning age and with an average body weight 16,71 kg for the feed restriction treatment were fed diets with 40% and control 100% (requirements). The feed based on 60% peanuts roughes (Rendeng) and 40% concentrated were fed based on dry matter (DM) requirements 3% of body weight. The feed management which is done consist of two aspects that is feed restriction and *refeeding*. The restriction treatment dan *refeeding* were did step by step. The first step is restriction happened during 1 and 2 month, and the second step is *refeeding* happened during 1 month, with the *full feeding* fed period during ten days. The variable which observed based on feed consumption, the weight of livestock, and nutrient digestibility. Nutrient digestibility was analyzed with directional pattern variation used SPSS program 16.0 version *for Windows*. The result of this study showed that the differences time and fulfillment of feeding not affected to consumption, nutrient digestibility and the weight change on male Kacang goats.

Keywords: Feed restriction, Fulfillment of feeding, Kacang Goats.