

## **PERFORMA INDUK KAMBING PERANAKAN ETAWAH SETELAH BERANAK YANG DISUPLEMENTASI UREA MOLASES BLOK**

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### **INTISARI**

Kambing Peranakan Etawah (PE) setelah beranak (*post partum*) membutuhkan nutrisi pakan yang cukup, baik secara kuantitas maupun kualitas. Defisiensi nutrisi pakan berupa mineral dapat dipenuhi melalui suplementasi urea molases blok (UMB). Tujuan penelitian ini adalah mengetahui performa kambing PE setelah beranak yang disuplementasi UMB. Komposisi nutrisi UMB perlakuan diketahui melalui analisis proksimat. Data performa produksi kambing PE dalam hal berat badan (BB), *body condition score* (BCS) dan ukuran tubuh (tinggi gumba, lingkar dada, dalam dada, dan panjang badan) dianalisis dengan uji statistik *one-way* ANOVA menggunakan program SPSS 24. Analisis proksimat mengetahui bahwa kandungan nutrisi UMB terdiri dari kadar air (KA) 15,89%, serat kasar (SK) 0,97%, protein kasar (PK) 14,43%, lemak kasar (LK) 9,59% dan abu 16,62%. Performa kambing PE sebelum dan sesudah pemberian UMB berturut-turut adalah BB  $53,35 \pm 11,46$  kg dan  $54,22 \pm 11,14$  kg; BCS  $2,56 \pm 0,67$  dan  $2,75 \pm 0,70$ ; tinggi gumba  $71,81 \pm 4,01$  cm dan  $72,71 \pm 3,51$  cm; lingkar dada  $82,68 \pm 5,36$  cm dan  $84,56 \pm 4,74$  cm; dalam dada  $29,93 \pm 4,72$  cm dan  $29,38 \pm 6,08$  cm; serta panjang badan  $77,31 \pm 4,47$  cm dan  $78,08 \pm 5,13$  cm. Tidak terdapat perbedaan signifikan terhadap performa kambing PE fase setelah beranak yang diberi suplementasi UMB.

**Kata kunci:** kambing PE, UMB, performa, *post partum*

**POST-LAMBING PERFORMANCE OF ETAWAH CROSSBREED GOATS  
SUPPLEMENTED WITH UREA MOLASSES BLOCK**

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**ABSTRACT**

*Etawah Crossbreed Goats (ECG) after lambing require adequate nutrients, both in quantity and quality. Feed nutrient deficiencies especially minerals can be fulfilled through urea molasses block (UMB) supplementation. This study aimed to determine ECG goats' performance after lambing supplemented with UMB. The nutrient composition of UMB treatment was determined by proximate analysis. Data on the production performance of ECG goats in terms of body weight (BW), body condition score (BCS) and body size (height at the withers, chest circumference, chest girth and body length) were analysed by one-way ANOVA using the SPSS 24 program. Proximate analysis result showed nutrient content of UMB consists of water content (WC) 15.89%, crude fiber (CFi) 0.97%, crude protein (CP) 14.43%, crude fat (CFa) 9.59% and ash 16.62%. The performance of ECG before and after UMB supplementation were BW  $53.35 \pm 11.46$  kg and  $54.22 \pm 11.14$  kg, BCS  $2.56 \pm 0.67$  and  $2.75 \pm 0.70$ ; height at wither  $71.81 \pm 4.01$  cm and  $72.71 \pm 3.51$  cm; chest circumference  $82.68 \pm 5.36$  cm and  $84.56 \pm 4.74$  cm; chest depth  $29.93 \pm 4.72$  cm and  $29.38 \pm 6.08$  cm; and body length  $77.31 \pm 4.47$  cm and  $78.08 \pm 5.13$  cm. There was no significant difference in the performance of ECG in the post - lambing phase supplemented with UMB.*

**Keywords:** *after lambing, ECG, performance, UMB*