

## **PENGARUH PEMBERIAN UREA MOLASES BLOK TERHADAP PERFORMA KAMBING PERANAKAN ETAWAH PADA FASE BUNTING**

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### **INTISARI**

Pemenuhan kebutuhan pakan kambing peranakan etawah terutama pada fase bunting perlu diperhatikan. Pemberian suplemen berupa urea molases blok (UMB) diharapkan dapat mendukung performa kambing selama bunting. Tujuan dari penelitian ini adalah untuk mengetahui pengaruh pemberian UMB terhadap performa kambing peranakan etawah pada fase bunting. Komposisi nutrisi UMB perlakuan diketahui melalui analisis proksimat. Data performa produksi kambing peranakan etawah dalam hal berat badan, *body condition score* (BCS) dan ukuran tubuh (tinggi gumba, lingkaran dada, dalam dada dan panjang badan) dianalisis dengan uji statistik ANOVA. Berdasarkan hasil analisis proksimat diketahui 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 peranakan etawah sebelum dan sesudah pemberian UMB berturut-turut adalah berat badan  $50,50 \pm 13,62$  kg dan  $50,77 \pm 15,25$  kg; BCS  $3,27 \pm 0,51$  dan  $3,18 \pm 0,64$ ; tinggi gumba  $72,72 \pm 5,90$  cm dan  $73,43 \pm 4,47$  cm; lingkaran dada  $83,68 \pm 9,28$  cm dan  $86,83 \pm 10,11$  cm; dalam dada  $30,59 \pm 2,65$  cm dan  $31,72 \pm 3,75$  cm; serta panjang badan  $78,13 \pm 9,36$  cm dan  $77,52 \pm 6,57$  cm. Tidak terdapat perbedaan signifikan ( $P > 0,05$ ) terhadap performa kambing peranakan etawah fase bunting yang diberi suplementasi UMB.

**Kata kunci:** bunting, kambing peranakan etawah, performa, urea molases blok

***EFFECT OF UREA MOLASSES BLOCKS ON PERFORMANCE OF  
ETAWAH CROSSBREED GOATS IN THE GESTATION PHASE***

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***ABSTRACT***

*Fulfilment of the feed requirement of Etawah Crossbreed (EC) goat especially in the gestation period must be addressed. Urea molasses block (UMB) supplementation is expected to support female goat performance during gestation. This research aimed to determine the effect of UMB implementation on the performance of etawah crossbreed goat in the gestation phase. The nutrient composition of urea UMB was determined by proximate analysis. The production performance of etawah crossbreed goat in terms of body weight, body condition score (BCS) and body size (height at the withers, chest circumference, chest girth and body length) were analysed by ANOVA statistical test. Based on the results of proximate analysis, the nutrient content of UMB consists of water content (WC) 15.89%, crude fibre (CFi) 0.97%, crude protein (CP) 14.43%, crude fat (CFa) 9.59%, and ash 16.62%. The performance of etawah crossbreed goat before and after UMB supplementation were body weight  $50.50 \pm 13.62$  kg and  $50.77 \pm 15.25$  kg; BCS  $3.27 \pm 0.51$  and  $3.18 \pm 0.64$ ; height at the withers  $72.72 \pm 5.90$  cm and  $73.43 \pm 4.47$  cm; chest circumference  $83.68 \pm 9.28$  cm and  $86.83 \pm 10.11$  cm; chest girth  $30.59 \pm 2.65$  cm and  $31.72 \pm 3.75$  cm; and body length  $78.13 \pm 9.36$  cm and  $77.52 \pm 6.57$  cm. There was no significant difference ( $P > 0.05$ ) in the performance of pregnant phase etawah crossbreed goat supplemented with UMB.*

***Keywords:*** *etawah crossbreed goats, gestation, performance, urea molasses block*