

## **KARAKTERISTIK ESKTERIOR DAN UKURAN TUBUH KAMBING BLIGON JANTAN DAN BETINA DI KAPANEWON PAJANGAN, BANTUL**

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### **INTISARI**

Penelitian ini bertujuan untuk mengetahui karakteristik eksterior, ukuran tubuh, dan bobot badan kambing Bligon di Kapanewon Pajangan, Bantul. Sebanyak 54 ekor jantan dan 39 ekor betina umur 0-12 bulan, 14 ekor jantan dan 10 ekor betina umur 12-18 bulan, serta 13 ekor jantan dan 38 ekor betina umur diatas 18 bulan digunakan pada penelitian ini. Data yang diambil meliputi karakteristik eksterior, ukuran tubuh, dan bobot badan. Karakteristik eksterior dianalisis secara deskriptif, sedangkan ukuran tubuh dan bobot badan kambing jantan dan betina dianalisis dengan *independent T-test*. Kambing Bligon jantan dan betina mayoritas memiliki warna rambut kepala hitam dan tubuh berwarna putih, profil muka cembung, telinga membuka dan terkulai, bentuk rahang sama panjang, dan memiliki rewos. Pada umur 0-12 bulan tinggi pundak, lingkaran dada, dan panjang badan kambing Bligon jantan dan betina secara berurutan adalah  $56,35 \pm 11,24$  dan  $52,73 \pm 7,78$  cm,  $56,98 \pm 12,57$  dan  $52,30 \pm 8,86$  cm,  $54,63 \pm 10,76$  dan  $49,49 \pm 10,50$  cm, pada umur 12-18 bulan adalah  $64,07 \pm 5,73$  dan  $66,30 \pm 3,30$  cm,  $69,07 \pm 9,14$  dan  $69,40 \pm 6,04$  cm,  $64,28 \pm 6,13$  dan  $65,70 \pm 1,47$  cm, sedangkan pada umur diatas 18 bulan adalah  $70,23 \pm 8,30$  dan  $69,52 \pm 5,44$  cm,  $76,15 \pm 6,03$  dan  $75,69 \pm 10,05$  cm,  $70,23 \pm 6,57$  dan  $71,26 \pm 6,34$  cm. Ukuran tubuh kambing Bligon jantan pada umur 0-12 bulan secara nyata ( $P < 0,05$ ) lebih besar dibandingkan dengan betina, sedangkan pada umur 12-18 dan diatas 18 bulan menunjukkan hasil yang berbeda tidak nyata. Disimpulkan bahwa kambing Bligon di Kapanewon Pajangan memiliki kemiripan dengan kambing PE dilihat dari warna rambut, profil muka, panjang telinga, dan rewos. Ukuran tubuh dan bobot badan kambing Bligon lebih besar daripada kambing Kacang namun lebih kecil dari PE. Kambing Bligon jantan pada umur 0 sampai 12 memiliki ukuran tubuh lebih besar dibandingkan dengan kambing Bligon betina terutama pada lebar kepala, panjang badan, dan bobot badan, sedangkan pada umur 12 sampai 18 dan diatas 18 bulan adalah sama, serta ukuran tubuh dan bobot badan meningkat seiring dengan bertambahnya umur ternak.

Kata kunci : Kambing Bligon, Karakteristik eksterior, Ukuran tubuh, bobot badan

## **EXTERIOR CHARACTERISTICS AND BODY SIZE OF MALE AND FEMALE BLIGON GOATS IN PAJANGAN DISTRICT, BANTUL**

### **ABSTRACT**

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This study aimed to determine the exterior characteristics, body size, and body weight of Bligon goats in Pajangan Kapanewon, Bantul. A total of 54 males and 39 females 0-12 months of age, 14 males and 10 females 12-18 months of age, and 13 males and 38 females above 18 months of age were used in this study. Data was collected exterior characteristics, body size, and body weight. Exterior characteristics was analyzed descriptively, while body size and body weight of male and female goats was analyzed by independent T-test. The majority of male and female Bligon goats have black head hair, white body, convex facial profile, ears open and drooping, flat mouth, and has mane hind leg's. Withers height, heart girth, and body length of male and female Bligon goats at 0-12 months of age were  $56,35 \pm 11,24$  and  $52,73 \pm 7,78$  cm,  $56,98 \pm 12,57$  and  $52,30 \pm 8,86$  cm, and  $54,63 \pm 10,76$  and  $49,49 \pm 10,50$  cm, respectively, at 12-18 months of age were  $64,07 \pm 5,73$  and  $66,30 \pm 3,30$  cm,  $69,07 \pm 9,14$  and  $69,40 \pm 6,04$  cm, and  $64,28 \pm 6,13$  and  $65,70 \pm 1,47$  cm, respectively, while above 18 months of age were  $70,23 \pm 8,30$  and  $69,52 \pm 5,44$  cm,  $76,15 \pm 6,03$  and  $75,69 \pm 10,05$  cm, and  $70,23 \pm 6,57$  and  $71,26 \pm 6,34$  cm, respectively. The body size of male Bligon goats at 0-12 months of age was larger ( $P < 0.05$ ) than that of females, but there was no significantly different of male and female Bligon goats at 12-18 and above 18 months of age. It is concluded that the Bligon goats in Pajangan Kapanewon were similar to the PE goats in terms of hair color, facial profile, ear length, and mane hind leg's. Body size and body weight of Bligon goats are larger than those of Kacang goats but smaller than those of PE goats. Male Bligon goats at 0 to 12 months of age has larger body size than those of female Bligon goats, especially in head width, body length, and body weight, but both a similiar at 12-18 and above 18 months of age and the increase in body size in line with the increasing age of the goats.

**Keywords :** Bligon goats, Exterior characteristics , Body size, Sex, Age