

## **KARAKTERISTIK EKTERIOR DOMBA EKOR GEMUK DI KABUPATEN BREBES, JAWA TENGAH**

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### **INTISARI**

Penelitian ini bertujuan untuk mengetahui karakteristik eksterior Domba Ekor Gemuk (DEG) di Kabupaten Brebes, Jawa Tengah. Materi yang digunakan dalam penelitian adalah 154 ekor Domba yang terdiri atas 101 ekor jantan dan 54 ekor betina. Penelitian dilakukan dengan metode survei melalui pengamatan dan pengukuran langsung pada ternak. Data yang diambil meliputi sifat kualitatif dan kuantitatif. Data yang diperoleh dianalisis secara deskriptif. Perbedaan nilai antar jenis kelamin dianalisis menggunakan *Independent Sample T-test*. Hasil penelitian menunjukkan bahwa DEG didominasi oleh warna tubuh putih (99,35%), rambut kepala tipis (90,91%), rambut leher (53,90%), rambut badan lebat (98,70%), rambut perut tipis (50,65%), rambut kaki tipis (88,96%), rambut ekor lebat (93,51%), profil muka cembung (98,70%), profil punggung cembung (98,70%), arah telinga mendatar kesamping (100%), tidak memiliki tanduk (87,01%), bentuk ekor dengan tipe luas tanpa lobus (74,68%). panjang badan, tinggi gumba, tinggi pinggul, lebar pinggul, lingkaran dada, dalam dada, lebar dada, panjang kepala, lebar kepala, panjang telinga, panjang ekor, dan bobot badan DEG jantan dan betina muda berturut-turut masing-masing adalah 62,80±07,10 dan 58,90±04,60 cm; 66,10±04,50 dan 63,50±04,40 cm; 65,30±06,10 dan 62,50±04,30 cm; 16,50±03,00 dan 15,40±01,90 cm; 81,20±09,80 dan 80,00±07,50 cm; 33,80±05,20 dan 33,20±04,70 cm; 20,70±03,00 dan 20,30±03,10 cm; 18,60±01,80 dan 17,80±01,30 cm; 13,00±00,90 dan 12,50±00,90 cm; 12,40±01,50 dan 13,10±01,30 cm; 42,80±14,20 dan 39,00±07,30 cm, 39,50±13,20 and 34,99±07,73 kg. Nilai panjang badan, tinggi gumba, tinggi pinggul, lebar pinggul, lingkaran dada, dalam dada, lebar dada, panjang kepala, lebar kepala, dan panjang ekor jantan lebih tinggi ( $P<0,05$ ) daripada betina. Disimpulkan bahwa DEG di Kabupaten Brebes didominasi warna tubuh putih; rambut kepala, perut, dan kaki tipis; rambut leher, badan, dan ekor lebat; profil muka dan punggung cembung; arah telinga mendatar kesamping; tidak memiliki tanduk; bentuk ekor dengan tipe luas tanpa lobus. Ukuran tubuh dan bobot badan jantan lebih besar dari pada betina.

**Kata kunci:** Data kualitatif domba, Data kuantitatif domba, DEG, Karakteristik eksterior.

## **Exterior Characteristics of Fat-Tailed Sheep in Brebes Regency, Central Java**

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### **ABSTRAK**

This study aimed to investigate the exterior characteristics of Fat-Tailed Sheep (DEG) in Brebes Regency, Central Java. 154 head of DEG with consisted of 101 head of ram and 54 head of ewe were used in this study. The study was conducted using a survey method through direct observation and measurement of the animals. Data collected included both qualitative and quantitative traits. The data obtained were analyzed descriptively, while differences between sexes were analyzed using the Independent Sample T-test. The results showed that DEG were dominated by white body color (99.35%), thin head hair (90.91%), neck hair (53.90%), dense body hair (98.70%), thin abdominal hair (50.65%), thin leg hair (88.96%), dense tail hair (93.51%), convex facial profile (98.70%), convex back profile (98.70%), horizontal ear orientation (100%), absence of horns (87.01%), and tail shape with a wide type without lobes (74.68%). The body length, withers height, hip height, hip width, heart girth, heart depth, heart width, head length, head width, ear length, and tail length, and body weight of ram and ewe were 62.80±07.10 and 58.90±04.60 cm; 66.10±04.50 and 63.50±04.40 cm; 65.30±06.10 and 62.50±04.30 cm; 16.50±03.00 and 15.40±01.90 cm; 81.20±09.80 and 80.00±07.50 cm; 33.80±05.20 and 33.20±04.70 cm; 20.70±03.00 and 20.30±03.10 cm; 18.60±01.80 and 17.80±01.30 cm; 13.00±00.90 and 12.50±00.90 cm; 12.40±01.50 and 13.10±01.30 cm; 42.80±14.20 and 39.00±07.30 cm; 39.50±13.20 and 34.99±07.73 kg. Body length, withers height, hip height, hip width, heart girth, heart depth, heart width, head length, head width, and tail length of ram were higher ( $P<0.05$ ) those of ewe. It can be concluded that DEG in Brebes Regency are dominated by white body color; thin head, abdominal, and leg hair; dense neck, body, and tail hair; convex facial and back profiles; horizontal ear orientation; absence of horns; tail shape with a wide type without lobes. The body size and weight of ram were larger than those of ewe.

**Keywords:** Exterior characteristics, Fat-Tailed Sheep (DEG), Qualitative traits, Quantitative traits of sheep.