

PERTUMBUHAN UKURAN TUBUH DAN BOBOT BADAN CEMPE HASIL PERSILANGAN INDUK DOMBA EKOR TIPIS DENGAN PEJANTAN DORPER DAN TEXEL

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INTISARI

Penelitian ini bertujuan mengetahui pertumbuhan ukuran tubuh dan bobot badan cempe persilangan induk Domba Ekor Tipis (DET) dengan pejantan Dorper dan Texel. Sebanyak 28 ekor cempe lepas sapih umur 12 minggu yang terdiri atas 14 ekor Dorper *Cross* dan 14 ekor Texel *Cross* digunakan dalam penelitian ini, masing-masing bangsa terdiri atas 7 ekor jantan dan 7 ekor betina. Cempe dipelihara di dalam kandang koloni dikelompokkan sesuai bangsa dan jenis kelaminnya. Pakan konsentrat diberikan pagi hari dan kulit kacang hijau kering. Pemeliharaan dilakukan selama 6 minggu. Data yang diambil meliputi ukuran tubuh dan bobot badan. Data yang diperoleh dianalisis menggunakan anova pola searah. Hasil penelitian menunjukkan bahwa pertambahan panjang badan, tinggi gumba, tinggi pinggul, lebar dada, lebar pinggul, lingkaran dada, dan bobot badan harian pada cempe jantan maupun betina kedua bangsa secara umum menunjukkan perbedaan yang tidak nyata ($p > 0,05$). Namun, ditemukan perbedaan signifikan ($p < 0,001$) pada pertambahan lebar pinggul harian cempe jantan Dorper *Cross* lebih tinggi dibandingkan Texel *Cross* serta pertambahan lebar dada harian cempe betina Dorper *Cross* lebih tinggi dibandingkan Texel *Cross*. Disimpulkan bahwa pertambahan ukuran tubuh cempe Dorper *Cross* lebih tinggi dibandingkan Texel *Cross* khususnya pada lebar pinggul jantan dan lebar dada betina.

(Kata Kunci: Domba Ekor Tipis, Domba Dorper, Domba Texel, Persilangan, Ukuran Tubuh, Bobot Badan).

GROWTH IN BODY SIZE AND BODY WEIGHT OF LAMBS FROM A CROSS BETWEEN INDONESIAN THIN-TAILED EWES AND DORPER AND TEXEL SIRES

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ABSTRACT

This study aims to determine the growth of body size and body weight of young sheep crossbreed with Thin Tail Sheep (DET) with Dorper and Texel rams. A total of 28 head of weaned lambs aged 12 weeks consisting of 14 Dorper Cross and 14 Texel Cross were used in this study. Each breed consisted of 7 head of male and 7 head of female. The lambs were kept in the colony pen according to it's breed and sex. Concentrate was given in the morning and dried green bean skins was given in the afternoon. Maintenance was carried out for 6 weeks. Data collected included body size and body weight. The data obtained were analyzed using one-way anova. The results of that the daily body length, withers height, hip height, hearth width, hip width, hearth girth, and daily body weight of both male and female lambs of the two breeds generally showed non-significant differences ($p > 0,05$). However, significant difference ($p < 0,001$) were observed the daily in hip width Dorper Cross of male was higher than Texel Cross and the daily in hearth width of Dorper Cross female was higher than Texel Cross. It was concluded that the growth in body size of Dorper Cross was higher than Texel Cross, especially in the hip width of male and hearth width of female.

(Keywords: Body weight Growth, Dorper Sheep, Indonesian Thin-Tailed Sheep, Texel Sheep, Body Size, Body Weight, Crossbreeding).