

## KINERJA PERTUMBUHAN CEMPE PASCASAPIH PERSILANGAN INDUK DOMBA EKOR TIPIS DENGAN PEJANTAN DOMBA WONOSOBO DAN DORPER

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### INTISARI

Penelitian ini bertujuan untuk mengetahui pertumbuhan cempe pascasapih persilangan induk Domba Ekor Tipis (DET) dengan pejantan Domba Wonosobo (dombos) dan Dorper. Penelitian menggunakan 28 ekor cempe persilangan yang terdiri dari 7 ekor cempe jantan dan 7 ekor cempe betina dombos *cross* (persilangan induk DET dengan dombos) serta 7 ekor cempe jantan dan 7 ekor cempe betina dorper *cross* (persilangan induk DET dengan dorper). Pemeliharaan dan pengamatan dilakukan selama delapan minggu. Parameter yang diamati dalam penelitian ini adalah kinerja pertumbuhan pascasapih yang meliputi konsumsi BK pertambahan bobot badan harian (PBBH), konversi pakan, dan *feed cost per gain* (FCG). Data yang diperoleh dianalisis statistik menggunakan *Independent T-Test*. Hasil penelitian menunjukkan bahwa konsumsi BK, PBBH, konversi pakan, dan FCG cempe dombos *cross* dan dorper *cross* jantan berturut-turut masing-masing adalah  $0,457 \pm 0,10$  dan  $0,457 \pm 0,05$  kg/hari,  $0,120 \pm 0,01$  dan  $0,125 \pm 0,02$  kg/hari,  $3,59 \pm 0,76$  dan  $3,30 \pm 0,50$ , serta  $11.758 \pm 2.500$  dan  $10.872 \pm 1.647$  Rp/kg. Konsumsi BK, PBBH, konversi pakan, dan FCG cempe jantan berbeda tidak nyata. Konsumsi BK, PBBH, konversi pakan, dan FCG cempe dombos *cross* dan dorper *cross* betina berturut-turut masing-masing adalah  $0,457 \pm 0,07$  dan  $0,457 \pm 0,03$  kg/hari,  $0,072 \pm 0,02$  dan  $0,084 \pm 0,02$  kg/hari,  $6,12 \pm 1,89$  dan  $5,71 \pm 2,73$ , serta  $20.159 \pm 6.227$  dan  $18.763 \pm 8.991$  Rp/kg. Konsumsi BK, PBBH, konversi pakan, dan FCG cempe betina berbeda tidak nyata. Disimpulkan bahwa persilangan antara DET dengan dombos maupun memiliki kinerja pertumbuhan yang sama.

Kata Kunci: Kinerja pertumbuhan, Domba Ekor Tipis, Dombos *cross*, Dorper *cross*

## **Growth Performance of Post-Weaning Crossbred Lambs from Thin-Tailed Ewe Mated with Wonosobo and Dorper Rams**

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### **ABSTRACT**

This study aimed to determine the post-weaning growth of crossbred lambs from Thin-Tailed Sheep (DET) ewes mated with Wonosobo Sheep (dombos) and dorper rams. The study used 28 head of crossbred lambs, consisting of 7 head of male and 7 head of female dombos cross lambs, and 7 head of male and 7 head of female dorper cross. The lambs were raise and observed for eight weeks. The parameters observed in this study were post-weaning growth performance, which included, Dry Matter (DM) intake, average daily gain (ADG), feed conversion ratio (FCR), and feed cost per gain (FCG). The data obtained were statistically analyzed using an Independent T-Test. The results showed that (DM) intake, ADG, FCR and FCG for male dombos cross and dorper cross were  $0.457 \pm 0.10$  and  $0.457 \pm 0.05$  kg/day,  $0.120 \pm 0.01$  and  $0.125 \pm 0.02$  kg/day,  $3.59 \pm 0.76$  and  $3.30 \pm 0.50$ , and  $11.758 \pm 2.500$  and  $10.872 \pm 1.647$  Rp/kg, respectively. There was no significant difference in dry matter (DM) intake, ADG, FCR, and FCG. The result of dry matter (DM) intake, ADG, FCR, and FCG in for female dombos cross and dorper cross were  $0.457 \pm 0.07$  and  $0.457 \pm 0.03$  kg/day,  $0.072 \pm 0.02$  and  $0.084 \pm 0.02$  kg/day,  $6.12 \pm 1.89$  and  $5.71 \pm 2.73$ , and  $20.159 \pm 6.227$  and  $18.763 \pm 8.991$  Rp/kg, respectively. There was no significant difference in dry matter (DM) intake, ADG, FCR, and FCG. It is concluded that crossing DET ewe dombos and dorper rams produced lamb with the same post-weaning growth performance.

key word: sheep performance, Thin-Tailed Sheep, Dombos cross, Dorper cross.