

PENGARUH PERBEDAAN UMUR PENYAPIHAN TERHADAP PERTUMBUHAN ANAK DOMBA LOKAL LEPAS SAPIH SAMPAI UMUR LIMA BULAN

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INTISARI

Penelitian ini dilakukan untuk mengkaji pengaruh perbedaan umur penyapihan terhadap pertumbuhan anak domba lepas sapih sampai umur lima (5) bulan. Sembilan ekor anak domba dibagi dalam tiga kelompok Perlakuan yaitu Perlakuan I (P I), 3 ekor anak domba disapih umur 1 bulan, Perlakuan II (P II), 3 ekor anak domba disapih umur 2 bulan, dan Perlakuan III (P III), 3 ekor anak domba disapih umur 3 bulan. Pakan yang diberikan adalah rumput gajah dan konsentrat komersial dengan perbandingan 70:30, diberikan sebanyak 3% BB (dasar bahan leering). Anak domba diamati sampai umur 5 bulan. Variabel yang diukur adalah pertambahan berat badan harian (PBBH), konsumsi pakan (BK, PK, SK, TDN), berat sapih dan konversi pakan. Data yang diperoleh dianalisis kovariansi. Hasil penelitian menunjukkan bahwa PBBH kelompok I, II, III berturut-turut adalah $46,67 \pm 3,33$ g/ekor/hari, $30 \pm 5,77$ g/ekor/hari, dan $40 \pm 5,77$ g/ekor/hari, dengan konversi pakan yaitu P I sebesar $5,19 \pm 0,65$, P II sebesar $5,92 \pm 1,17$, dan P III sebesar $5,93 \pm 0,51$. Analisis statistik menunjukkan bahwa tidak ada perbedaan yang nyata dari ketiga perlakuan terhadap konsumsi pakan dan pertambahan bobot badan harian (PBBH) dan konversi pakan. Disimpulkan bahwa umur penyapihan 1, 2 atau 3 bulan tidak mempengaruhi pertumbuhan anak domba lepas sapih sampai umur 5 bulan. (Kata Kunci : Anak Domba, Umur Penyapihan, Pertumbuhan Lepas Sapih, Konsumsi Pakan, Pertambahan Bobot Badan Harian, Konversi Pakan)

THE EFFECT OF DIFFERENT WEANING AGES ON GROWTH OF POST-
WEANED LOCAL LAMB UP TO FIVE MONTHS OLD

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ABSTRACT

The experiment was done to evaluate the effect of different weaning ages on growth of post-weaned lamb up to five months old. Nine heads of lambs were divided into three groups. The first group (Treatment I), composed of three heads of lambs were weaned at the age of one month of, the second group (Treatment II) composed of three heads of lambs were weaned at the age of two months age and the third group (Treatment III) composed of three heads of lambs were weaned at the age of three months age. Feed composed of *Pennisetum purpurium* and commercial concentrate, 70:30 comparison, were given 3% of body weight (based on dry matter). Lambs were evaluated until five months old. Variable measured were average daily gain, feed intake (DM, CP, CF, TDN), weaned weight, and feed conversion. Data were analyzed by covariance, then it were evaluated by DMRT. The result showed that average daily gain of group I, II, III were $46,67 \pm 3,33$ g/h/d, $30 \pm 5,77$ g/h/d, and $40 \pm 5,77$ g/h/d, respectively, feed conversion of P I was $5,19 \pm 0,65$, P II was $5,92 \pm 1,17$, and P III was $5,93 \pm 0,51$, respectively. Statistics analyzes showed that no significantly difference between three treatments in feed consumption, average daily gain, and feed conversion. It was concluded that 1, 2, or 3 months weaning age were not influenced post-weaned growth of the lamb up to 5 months old.

(Key Words : Lambs, Weaning Age, Post-Weaned Growth, Feed Intake, Average Daily Gain, Feed Conversion).