

PENGARUH PEMBERIAN *CREEP FEED* TERHADAP PERTUMBUHAN PRASAPIH CEMPE DOMBA EKOR TIPIS

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INTISARI

Penelitian ini bertujuan untuk mengetahui pengaruh pemberian *creep feed* terhadap pertumbuhan prasapih cempe domba ekor tipis. Sampel sebanyak delapan ekor cempe dibagi menjadi dua kelompok yang terdiri atas empat cempe dengan pemberian *creep feed* dan empat cempe tanpa pemberian *creep feed*. Cempe dipelihara sejak lahir hingga umur 90 hari dalam kandang individu dengan induk masing-masing. Variabel yang diamati meliputi konsumsi susu, konsumsi *creep feed*, ukuran tubuh, bobot lahir, bobot sapih, dan pertambahan bobot badan harian. Data yang diperoleh dianalisis menggunakan *Independent Sample T-test*. Hasil penelitian menunjukkan bahwa konsumsi susu cempe dengan dan tanpa diberi *creep feed* berturut-turut masing-masing adalah $0,11 \pm 0,12$ dan $0,13 \pm 0,12$ kg/hari. Konsumsi *creep feed* adalah $0,28 \pm 0,07$ kg/ekor/hari. Pertambahan panjang badan, lingkar dada, tinggi gumba, tinggi pinggul, lebar dada, lebar pinggul, dan dalam dada cempe dengan dan tanpa diberi *creep feed* berturut-turut masing-masing adalah $7,99 \pm 0,66$ dan $6,50 \pm 0,79$ cm/bulan, $10,91 \pm 0,95$ dan $8,75 \pm 0,78$ cm/bulan, $6,83 \pm 0,33$ dan $5,91 \pm 0,87$ cm/bulan, $6,91 \pm 0,31$ dan $5,91 \pm 0,62$ cm/bulan, $4,66 \pm 0,27$ dan $4,00 \pm 0,54$ cm/bulan, $2,58 \pm 0,32$ dan $2,16 \pm 0,32$ cm/bulan, serta $4,08 \pm 0,57$ dan $3,08 \pm 0,16$ cm/bulan. Bobot lahir, bobot sapih, dan PBBH cempe dengan dan tanpa diberi *creep feed* berturut-turut masing-masing adalah $2,03 \pm 0,26$ dan $2,05 \pm 0,12$ kg, $12,00 \pm 1,12$ dan $9,22 \pm 0,48$ kg, serta $0,11 \pm 0,09$ dan $0,07 \pm 0,05$ kg/hari. Panjang badan, lingkar dada, tinggi gumba, dalam dada, bobot sapih, dan PBBH cempe yang diberi *creep feed* lebih besar ($P < 0,05$) daripada cempe yang tidak diberi *creep feed*, sedangkan konsumsi susu, tinggi pinggul, lebar dada, dan lebar pinggul cempe yang diberi *creep feed* berbeda tidak nyata daripada cempe yang tidak diberi *creep feed*. Disimpulkan bahwa pemberian *creep feed* sejak lahir sampai umur 90 hari meningkatkan pertumbuhan prasapih cempe domba ekor tipis.

Kata kunci: *Creep feed*, Domba ekor tipis, Pertumbuhan prasapih

EFFECT OF CREEP FEEDING ON THE PRE-WEANING GROWTH THIN-TAILED LAMB

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ABSTRACT

This study aimed to observe the effect of creep feeding on pre-weaning growth of thin-tailed lamb. Eight head lambs were divided into two groups which consisted of four lambs, the first group was given creep feed whereas the second group was not given creep feed. Lambs were raised together with their dams in the individual pen up to 90 days. The observed variables included milk consumption, creep feed consumption, body size, birth weight, weaning weight, and average daily gain. The obtained data were analyzed using Independent Sample T-test. The results showed that milk consumption of lambs which were given creep feed and without given creep feed were 0.11 ± 0.12 and 0.13 ± 0.12 kg/day, respectively. The creep feed consumption was 0.28 ± 0.07 kg/head/day. Body length, heart girth, wither height, hip height, chest width, hip width, and chest depth gain of lambs which were given creep feed and without given creep feed were 7.99 ± 0.66 and 6.50 ± 0.79 cm/month, 10.91 ± 0.95 and 8.75 ± 0.78 cm/month, 6.83 ± 0.33 and 5.91 ± 0.87 cm/month, 6.91 ± 0.31 and 5.91 ± 0.62 cm/month, 4.66 ± 0.27 and 4.00 ± 0.54 cm/month, 2.58 ± 0.32 and 2.16 ± 0.32 , 4.08 ± 0.57 and 3.08 ± 0.16 cm/month, respectively. Birth weight, weaning weight, and average daily gain of lambs given creep feed and without given creep feed were 2.03 ± 0.26 and 2.05 ± 0.12 kg, 12.00 ± 1.12 and 9.22 ± 0.48 kg, 0.11 ± 0.09 and 0.07 ± 0.05 kg/day, respectively. Body length, heart girth, wither height, chest depth, weaning weight, and average daily gain of lambs which were given creep feed were higher ($P < 0.05$) than those of lambs without given creep feed, but there were no significant different on milk consumption, hip height, chest width, and hip width gain between them. It is concluded that creep feeding increase pre-weaning growth of thin-tailed lamb from birth to 90 days old age.

Keywords: Creep feed, Pre-weaned growth, Thin-tailed sheep