



KINERJA PERTUMBUHAN PASCASAPIH SAPI SIMMENTAL DI BPTU-HPT PADANG MENGATAS, SUMATERA BARAT

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INTISARI

Penelitian ini bertujuan untuk mengetahui kinerja pertumbuhan pascasapih Sapi Simmental di BPTU-HPT Padang Mengatas, Sumatera Barat. Pedet yang diamati sebanyak 13 ekor jantan dan 12 ekor betina berumur 7 sampai 10 bulan. Data yang diambil meliputi bobot sapih, penambahan bobot badan harian (PBBH), panjang badan, lingkar dada, dan tinggi pundak. Analisis data dilakukan menggunakan uji *Independent Sample T-test* untuk membandingkan pertumbuhan pedet Sapi Simmental jantan dan betina. Khusus data PBBH dilakukan uji homogenitas serta analisis kovariansi dengan bobot awal sebagai kovariat. Rerata panjang badan, lingkar dada, tinggi pundak dan PBBH pedet jantan dan betina umur 10 bulan berturut-turut yaitu $113,80 \pm 3,61$ dan $109,86 \pm 5,77$ cm; $133,41 \pm 4,39$ dan $126,01 \pm 10,76$ cm; $109,23 \pm 5,33$ dan $105,33 \pm 3,68$ cm; $0,380 \pm 0,196$ dan $0,311 \pm 0,190$ kg/hari. Hasil menunjukkan bahwa jenis kelamin berpengaruh nyata ($P < 0,05$) pada ukuran lingkar dada dan tinggi pundak, serta tidak berpengaruh nyata ($P > 0,05$) terhadap panjang badan dan PBBH. Total konsumsi BK pakan jantan berbeda nyata ($P < 0,05$) dengan betina. Disimpulkan bahwa ukuran tubuh, PBBH, konsumsi pakan pedet pascasapih jantan relatif lebih tinggi dibandingkan betina.

Kata kunci: BPTU-HPT Padang Mengatas, Jenis Kelamin, Pertumbuhan Pascasapih, Sapi Simmental



**POST-WEANING GROWTH OF SIMMENTAL CATTLE IN BREEDING
CENTER OF LIVESTOCK AND FORAGE FODDER (BPTU-HPT)
PADANG MENGATAS, WEST SUMATERA**

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ABSTRACT

The aim of this study was to determine the post-weaning performances of Simmental calves at Breeding Center of Livestock and Forage Fodder (BPTU-HPT) Padang Mengatas, West Sumatera. Samples of calves observed were 13 males and 12 females (7 to 10 months). The variables of observed were weaning weight, average daily gain (ADG), body length, heart girth, and wither height. Analysis of Independent Sample T-Test was applied to compare the growth of male and female calves. Homogeneity test and analysis of covariance with initial weights as covariates were specifically applied on ADG. The mean of body length, heart girth, wither height and ADG of male and female calves at 10 months were $113,80 \pm 3,61$ and $109,86 \pm 5,77$ cm; $133,41 \pm 4,39$ and $126,01 \pm 10,76$ cm; $109,23 \pm 5,33$ and $105,33 \pm 3,68$ cm; $0,380 \pm 0,196$ and $0,311 \pm 0,190$ kg/day. The results showed that sex had significant effect ($P < 0,05$) on heart girth and wither height, besides had no significant effect ($P > 0,05$) on body length and ADG of male and female post-weaning calves at 10 months age. Total feed (DM) consumption of post-weaning male calves significantly ($P < 0,05$) higher than females. It is concluded that body size, ADG, and feed consumption of post-weaning male calves were relatively higher than females.

Keywords: BPTU-HPT Padang Mengatas, Sex, Post-weaning Growth, Simmental Calf