

PERTUMBUHAN PRASAPIH PEDET JANTAN DAN BETINA SAPI ACEH DI BPTU-HPT INDRAPURI, ACEH

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INTISARI

Penelitian ini bertujuan untuk mengetahui pertumbuhan prasapah pedet jantan dan betina sapi Aceh di BPTU-HPT Indrapuri. Masing masing sembilan ekor pedet jantan dan betina sapi Aceh diamati pada penelitian ini. Data kinerja pertumbuhan yang diambil antara lain bobot lahir, bobot sapah, penambahan bobot badan harian (PBBH), penambahan ukuran tubuh hingga pedet berumur tiga bulan serta konsumsi susu pedet. Analisis data menggunakan metode *Independent Sampel T-test*. Pengolahan data dilakukan dengan bantuan komputer menggunakan program *Statistical Package for the Social Sciences* (SPSS). Hasil penelitian menunjukkan bobot lahir pedet jantan dan betina sapi Aceh masing-masing adalah $14,22 \pm 1,79$ kg dan $14,11 \pm 1,17$ kg. Bobot sapah masing-masing adalah $87,94 \pm 19,91$ kg dan $94,14 \pm 28,51$ kg. Pertambahan bobot badan harian (PBBH) sampai usia 205 hari masing-masing $0,36 \pm 0,11$ dan $0,39 \pm 0,13$ kg/ekor/hari. Pertambahan tinggi pundak masing-masing $24,69 \pm 19,74$ dan $26,36 \pm 21,44$ cm/ekor. Pertambahan panjang badan masing-masing $24,22 \pm 15,87$ dan $27,02 \pm 20,91$ cm/ekor. Pertambahan lingkaran dada masing-masing yaitu $43,47 \pm 25,19$ dan $44,75 \pm 37,49$ cm/ekor. Konsumsi susu masing-masing $0,54 \pm 0,09$ dan $0,73 \pm 0,21$ L/ekor/hari. Disimpulkan bahwa pertumbuhan prasapah yang meliputi PBBH, penambahan ukuran tubuh, serta konsumsi susu pedet jantan dan betina sapi Aceh berbeda tidak nyata.

(Kata kunci: Sapi Aceh, Bobot Lahir, Pertumbuhan prasapah, Bobot Sapah)

THE PREWEANING GROWTH OF MALE AND FEMALE ACEH CALF IN BPTU-HPT INDRAPURI, ACEH

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ABSTRACT

This research was conducted to observe the preweaning growth of male and female Aceh calves at BPTU-HPT Indrapuri Aceh. Nine males and females were used for this research. The calves were used to evaluate birth weight, weaning weight, average daily gain (ADG), body length and hearth girth and milk consumption. The result found that birth weights of male and female Aceh calves were $14,22 \pm 1,79$ kg and $14,11 \pm 1,17$ kg, the weaning weights were $87,94 \pm 19,91$ kg and $94,14 \pm 28,51$ kg, the ADG were $0,43 \pm 0,17$ and $0,45 \pm 0,15$ kg/head/day, the withers height increase were $24,69 \pm 19,74$ and $26,36 \pm 21,44$ cm/head, the body length increase were $24,22 \pm 15,87$ and $27,02 \pm 20,91$ cm/head, the hearth girth increase were $43,47 \pm 25,19$ and $44,75 \pm 37,49$ cm/head, and the daily consumption of milk were $0,54 \pm 0,09$ and $0,73 \pm 0,21$ L/head/day. It was concluded that the preweaning growth which, include ADG, body measurement and milk consumption for male and female Aceh calves in BPTU-HPT Indrapuri Aceh are not different.

(Keyword: Aceh calves, Birth weight, Preweaning growth, Weaning growth)