

## ABSTRAK

### PERFORMA KUANTITATIF KAMBING SABURAI JANTAN PADA KELOMPOK PENGEMBANGAN TERNAK KAMBING SABURAI DI KECAMATAN SUMBEREJO KABUPATEN TANGGAMUS

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Penelitian ini bertujuan untuk mengetahui performa kuantitatif yang meliputi bobot badan dan ukuran-ukuran tubuh kambing Saburai jantan dari berbagai kelompok umur saat lahir, sapih, 6--9 bulan, 1 tahun dan 2 tahun. Penelitian ini dilaksanakan pada Juni sampai dengan Juli 2022, bertempat di lokasi pengembangan ternak kambing Saburai di Kecamatan Sumberejo, Kabupaten Tanggamus, Provinsi Lampung. Penelitian ini menggunakan metode survei, sampel pengamatan ditentukan secara sensus. Materi penelitian terdiri dari 55 ekor kambing Saburai jantan. Peubah yang diamati pada penelitian ini yaitu bobot badan, panjang badan, lingkar dada, lebar dada, dalam dada, tinggi pundak, tinggi pinggul, dan lebar pinggul kambing Saburai jantan pada saat umur lahir, sapih (3--4 bulan), 6--9 bulan, 1 tahun dan 2 tahun. Data hasil penelitian dianalisis secara deskriptif. Hasil penelitian menunjukkan bahwa performa kuantitatif kambing Saburai jantan kelompok umur saat lahir adalah bobot badan  $3,56 \pm 0,19$  kg, panjang badan  $25,77 \pm 2,31$  cm, lingkar dada  $29,23 \pm 3,83$  cm, lebar dada  $7,15 \pm 0,99$  cm, dalam dada  $8,00 \pm 1,91$  cm, tinggi pundak  $29,08 \pm 3,43$  cm, tinggi pinggul  $35,62 \pm 2,60$  cm dan lebar pinggul  $6,46 \pm 0,97$  cm. Sementara performa kuantitatif pada kelompok umur sapih adalah bobot badan  $18,92 \pm 2,21$  kg, panjang badan  $45,89 \pm 4,40$  cm, lingkar dada  $48,00 \pm 3,84$  cm, lebar dada  $10,51 \pm 1,45$  cm, dalam dada  $21,44 \pm 2,13$  cm, tinggi pundak  $46,44 \pm 1,13$  cm, tinggi pinggul  $50,22 \pm 1,20$  cm dan lebar pinggul  $9,77 \pm 1,53$  cm. Performa kuantitatif pada kelompok umur 6--9 bulan adalah bobot badan  $23,67 \pm 3,72$  kg, panjang badan  $55,38 \pm 5,53$  cm, lingkar dada  $61,50 \pm 4,43$  cm, lebar dada  $14,00 \pm 0,98$  cm, dalam dada  $23,50 \pm 2,87$  cm, tinggi pundak  $60,06 \pm 3,14$  cm, tinggi pinggul  $62,89 \pm 2,20$  cm dan lebar pinggul  $13,22 \pm 1,11$  cm. Performa kuantitatif kambing Saburai jantan pada kelompok umur 1 tahun adalah bobot badan  $43,60 \pm 2,37$  kg, panjang badan  $63,39 \pm 4,64$  cm, lingkar dada  $68,36 \pm 4,77$  cm, lebar dada  $18,25 \pm 1,41$  cm, dalam dada  $30,24 \pm 2,24$  cm, tinggi pundak  $63,52 \pm 1,31$  cm, tinggi pinggul  $67,29 \pm 0,89$  cm dan lebar pinggul  $16,96 \pm 1,09$  cm. Performa kuantitatif kambing Saburai jantan pada kelompok umur 2 tahun adalah bobot badan  $51,59 \pm 3,41$  kg, panjang badan  $71,37 \pm 2,13$  cm, lingkar dada  $80,83 \pm 2,38$  cm, lebar dada  $22,60 \pm 1,16$  cm, dalam dada  $38,73 \pm 0,98$  cm, tinggi pundak  $65,97 \pm 1,06$  cm, tinggi pinggul  $70,10 \pm 1,38$  cm dan lebar pinggul  $21,20 \pm 0,70$  cm.

Kata kunci: Bobot badan, Kambing Saburai jantan, Ukuran-ukuran tubuh.

## ABSTRACT

### QUANTITATIVE PERFORMANCE OF MALE SABURAI GOATS IN SABURAI GOAT LIVESTOCK DEVELOPMENT GROUP IN SUMBEREJO DISTRICT, TANGGAMUS REGENCY

By

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This study aimed to know quantitative performance of body weight and body measurements of male Saburai goats. This research was conducted from June to July 2022 at the Saburai goat development farming at Sumberejo District, Tanggamus Regency, Lampung Province. This study used a survey method, the sample of observations were determined by census. The research material consisted of 55 male Saburai goats. The variables observed in this study were body weight, body length, chest circumference, chest width, chest depth, shoulder height, hip height, and hip width of male Saburai goats at birth, weaning (3-4 months), 6--9 months, 1 year and 2 years. The collected data were analyzed descriptively. The results showed that the quantitative performance of male Saburai goats at birth were body weight  $3.56 \pm 0.19$  kg, body length  $25.77 \pm 2.31$  cm, chest circumference  $29.23 \pm 3.83$  cm, chest width  $7.15 \pm 0.99$  cm, chest  $8.00 \pm 1.91$  cm, shoulder height  $29.08 \pm 3.43$  cm, hip height  $35.62 \pm 2.60$  cm and hip width  $6.46 \pm 0.97$  cm. While for weaning age group, body weight  $18.92 \pm 2.21$  kg, body length  $45.89 \pm 4.40$  cm, chest circumference  $48.00 \pm 3.84$  cm, chest width  $10.51 \pm 1.45$  cm, chest depth  $21.44 \pm 2.13$  cm, shoulder height  $46.44 \pm 1.13$  cm, hip height  $50.22 \pm 1.20$  cm and hip width  $9.77 \pm 1.53$  cm. Quantitative performance at age group 6--9 months were body weight  $23.67 \pm 3.72$  kg, body length  $55.38 \pm 5.53$  cm, chest circumference  $61.50 \pm 4.43$  cm, chest width  $14.00 \pm 0.98$  cm, chest  $23.50 \pm 2.87$  cm, shoulder height  $60.06 \pm 3.14$  cm, hip height  $62.89 \pm 2.20$  cm and hip width  $13.22 \pm 1.11$  cm. Quantitative performance of male Saburai goat at age group 1 year were body weight  $43.60 \pm 2.37$  kg, body length  $63.39 \pm 4.64$  cm, chest circumference  $68.36 \pm 4.77$  cm, chest width  $18.25 \pm 1.41$  cm, in chest  $30.24 \pm 2.24$  cm, shoulder height  $63.52 \pm 1.31$  cm, hip height  $67.29 \pm 0.89$  cm and hip width  $16.96 \pm 1.09$  cm. Quantitative performance of male Saburai goat at age group 2 years, body weight  $51.59 \pm 3.41$  kg, body length  $71.37 \pm 2.13$  cm, chest circumference  $80.83 \pm 2.38$  cm, chest width  $22.60 \pm 1.16$  cm, in chest  $38.73 \pm 0.98$  cm, shoulder height  $65.97 \pm 1.06$  cm, hip height  $70.10 \pm 1.38$  cm and hip width  $21.20 \pm 0.70$  cm.

Keywords: Body weight, Body measurements, Male Saburai goat