

HUBUNGAN ANTARA UKURAN-UKURAN TUBUH DENGAN BOBOT BADAN KAMBING BLIGON JANTAN DI KABUPATEN GUNUNGGKIDUL

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INTISARI^{*)}

Penelitian ini bertujuan untuk mengetahui hubungan ukuran-ukuran tubuh dengan bobot badan kambing bligon jantan di Kabupaten Gunungkidul. Penelitian dilaksanakan pada bulan Maret - April 2019 di tiga kecamatan di Kabupaten Gunungkidul yaitu Sabtosari, Playen dan Paliyan. Penelitian ini menggunakan 100 ekor kambing bligon jantan yang berumur \pm 8 bulan yang di pelihara oleh peternak di Kabupaten Gunungkidul. Metode penelitian yang digunakan adalah survei yang dilakukan di peternak dan pasar hewan Munggi di Kabupaten Gunungkidul. Pengambilan data meliputi pengukuran panjang badan, tinggi badan, lingkar dada dan penimbangan bobot badan. Kemudian dianalisis menggunakan regresi linier tunggal dengan SPSS 17 *for windows*. Hasil penelitian ini disimpulkan bahwa ukuran lingkar dada, panjang badan dan tinggi badan memiliki hubungan yang sangat kuat dengan bobot badan dengan nilai koefisien korelasi secara berurutan yaitu; 0,956; 0,889; dan 0,811 dan nilai koefisien determinasi secara berurutan yaitu; 0,915; 0,790 dan 0,658. Rumus persamaan untuk menghitung bobot badan dengan ukuran lingkar dada $BB = -26,379 + 0,719LD$ dapat digunakan sebagai pendugaan bobot badan dengan nilai penyimpangan terendah sebesar 15,323%.

Kata Kunci : kambing Bligon jantan, panjang badan, tinggi badan, lingkar dada, bobot badan.

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THE RELATIONSHIP BETWEEN BODY MEASUREMENTS WITH BODY WEIGHT OF MALE BLIGON GOAT IN GUNUNGKIDUL REGENCY

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ABSTRACT^{*)}

This study was aimed to determine the relationship between body measurement with body weight of male Bligon goat in Gunungkidul regency. This research was conducted in March – April 2019 at three districts in Gunungkidul namely Sabtosari, Playen and Paliyan. This study used 100 male Bligon goats which \pm 8 months were kept by famer in Gunungkidul regency. The method that used in this research was a survey method which conducted in famer and Munggi animal markets in Gunungkidul regency. Data collection include measurement of body length, body height, chest circumference and body weight. Data analyzed using a single linear regression with SPSS 17 for windows. The result of this study concluded that the size of the chest circumference, body length and height had a very strong relationship with body weight with the correlation of coefficient in sequence, there were 0,956; 0,889 and 0,811 and the coefficient of determination in sequence, there were 0,915; 0,790 and 0,658. The equation formula to calculate body weight with the size of chest circumference $BB = -26,397 + 0,719LD$ can be used as an estimation of body weight with the lowest deviation value of 15,323%.

Keywords: male Bligon goat, body length, body height, chest circumference, body weight.

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