

ABSTRAK

ESTIMASI NILAI PEMULIAAN PEJANTAN KAMBING SABURAI PADA BOBOT SAPIH DI KELOMPOK TERNAK MAKMUR II KECAMATAN GISTING KABUPATEN TANGGAMUS

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Penelitian ini bertujuan untuk mengetahui potensi genetik pejantan kambing Saburai pada bobot sapih berdasarkan nilai pemuliaan di Kelompok Ternak Makmur II, Kecamatan Gisting, Kabupaten Tanggamus serta untuk menentukan individu-individu yang layak dipertahankan dalam populasi. Penelitian ini dilaksanakan pada Mei 2021 bertempat di Desa Gisting Atas, Kecamatan Gisting, Kabupaten Tanggamus. Penelitian ini menggunakan metode survei memakai data dari bobot sapih yang telah dicatat oleh peternak di *recording*. Peubah yang diamati yaitu bobot lahir, bobot sapih, umur sapih, umur induk pada waktu melahirkan, tipe kelahiran anak kambing, dan jenis kelamin anak kambing. Hasil penelitian ini menunjukkan bahwa rata-rata bobot sapih terkoreksi kambing Saburai adalah sebesar $14,35 \pm 0,33$ kg, nilai heritabilitas $0,39 \pm 0,20$ (kategori tinggi), nilai ripitabilitas kambing Saburai adalah sebesar 0,61 (kategori tinggi) dan rata-rata nilai pemuliaan bobot sapih kambing Saburai adalah sebesar 13,96 kg. Nilai pemuliaan 5 ekor pejantan kambing Saburai di Kelompok Ternak Makmur II Kecamatan Gisting Kabupaten Tanggamus yaitu Os (14,09 kg), Ba (14,02 kg), Pa (13,94 kg), Ad (13,89 kg), Pg (13,86 kg).

Kata kunci: Bobot sapih, Heritabilitas, Nilai pemuliaan, Pejantan kambing Saburai

ABSTRACT

ESTIMATION OF THE BREEDING VALUE OF SABURAI GOATS ON THE WEIGHT OF THE WEALTH IN THE MAKMUR II LIVESTOCK GROUP, GISTING DISTRICT, TANGGAMUS REGENCY

By

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This study aimed to determine the genetic potential of Saburai goats for weaning weight based on the breeding value in the Makmur II Livestock Group, Gisting District, Tanggamus Regency and to determine which individuals deserve to be maintained in the population. This research was conducted in May 2021 at Gisting Atas Village, Gisting District, Tanggamus Regency. This study used a survey method using weaning weight data that has been recorded by farmers in the recording. The observed variables were birth weight, weaning weight, weaning age, age of the dam at the time of giving birth, birth type, and sex of kid. The results of this study showed that the average corrected weaning weight of Saburai goat was 14.35 ± 0.33 kg, heritability value was 0.39 ± 0.20 (high category), repeatability estimate was 0.61 (high category), and the average breeding value of weaning weights of Saburai buck was 13,96 kg. The breeding values of 5 Saburai goats in the Makmur II Livestock Group, Gisting District, Tanggamus Regency, were Os (14.09 kg), Ba (14.02 kg), Pa (13.94 kg), Ad (13.89 kg), Pg (13.86 kg)..

Keywords: Weaning weight, Heritability, Breeding value, Saburai buck