

ABSTRACT

CORRELATION OF PREGNANCY DURATION, LITTER SIZE, BIRTH WEIGHT, AND SEX RATIO SABURAI GOAT IN SUMBEREJO DISTRICT OF TANGGAMUS REGENCY

By

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This research aims to know the value of correlation pregnancy duration, litter size, birth weight, and sex ratio of Saburai Goat in Sumberejo District, Tanggamus Regency by observing by observing the mother goat that pregnant as much as 50 tails and gave birth calves 72 tails. This research was conducted from 18th January -- 15th March 2018. The research data used primary and secondary data taken from direct observation in the field and cattle recording from Sumberejo District. Survey method were use in the research. Variables observed were birth weight, litter size, pregnancy duration, and sex ratio. Result of research showed that the average birth weight of goat Saburai in Sumberejo District 3.54 ± 0.60 kg; litter size 1.64 ± 0.56 , pregnancy duration 145.93 ± 6.22 days and sex ratio male and female calves 40.27% and 59.73%. Saburai goat has a correlation of pregnancy duration with birth weight 0.398, litter size 0.766, sex ratio 0.202. The conclusion of this research indicate that the duration of pregnancy in Saburai goat had a significant effect on birth weight, litter size, and sex ratio.

Keywords : Saburai goat, Pregnancy duration, Litter size, Birth weight, Sex ratio.

ABSTRAK

KORELASI LAMA KEBUNTINGAN, *LITTER SIZE*, BOBOT LAHIR DAN SEX RATIO KAMBING SABURAI DI KECAMATAN SUMBEREJO KABUPATEN TANGGAMUS

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Penelitian ini bertujuan untuk mengetahui nilai korelasi lama kebuntingan, *litter size*, bobot lahir, dan *sex ratio* Kambing Saburai di Kecamatan Sumberejo, Kabupaten Tanggamus dengan mengamati 50 ekor induk kambing yang sedang bunting dan melahirkan cempe sebanyak 72 ekor di Kecamatan Sumberejo. Penelitian ini dilakukan mulai 18 Januari sampai dengan 15 Maret 2018. Data penelitian menggunakan data primer dan data sekunder yang diambil dari pengamatan secara langsung di lapangan dan rekording ternak dari Kecamatan Sumberejo. Metode yang digunakan yaitu metode survei. Data dianalisis dengan analisis korelasi menggunakan software SPSS. 16.0. Peubah yang diamati meliputi bobot lahir, tipe kelahiran, lama kebuntingan, dan rasio jenis kelamin. Hasil penelitian ini menunjukkan bahwa rata-rata bobot lahir kambing Saburai di Kecamatan Sumberejo sebesar $3,54 \pm 0,60$ kg; tipe kelahiran $1,64 \pm 0,56$ ekor, lama kebuntingan $145,93 \pm 6,22$ hari dan *sex ratio* cempe jantan dan betina 40,27% dan 59,73%. Kambing Saburai memiliki nilai korelasi lama kebuntingan dengan bobot lahir 0,398 *litter size* 0,766, jenis kelamin 0,202. Hasil penelitian ini menunjukkan bahwa lama kebuntingan pada kambing Saburai berpengaruh nyata terhadap bobot lahir, *litter size*, dan jenis kelamin.

Kata kunci: Kambing Saburai, lama kebuntingan, *Litter size*, Bobot lahir, Rasio jenis kelamin.