

ABSTRAK

STUDI FREKUENSI GERAK RUMEN KAMBING SAPERA DI DATARAN SEDANG

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Kambing Sapera merupakan salah satu jenis kambing silangan yang banyak dibudidayakan oleh peternak di Indonesia. Frekuensi gerak rumen merupakan salah satu acuan untuk menentukan kesehatan ternak. Sampai saat ini, belum terdapat laporan mengenai frekuensi gerak rumen kambing Sapera, khususnya di dataran sedang. Penelitian ini bertujuan untuk mengetahui frekuensi gerak rumen kambing Sapera di dataran sedang.

Penelitian ini menggunakan 9 kambing Sapera, betina dewasa berumur 6 bulan – 48 bulan yang dinyatakan sehat secara klinis. Kambing dipelihara di dusun Randu Kuning, desa Gondosuli, kecamatan Muntilan, kabupaten Magelang dengan ketinggian 442,43 mdpl. Pemeriksaan frekuensi gerak rumen dilakukan dengan auskultasi di sekitar fossa paralumbar kiri dan diarahkan menuju daerah rumen. Suara rumen didengarkan menggunakan stetoskop selama 1 menit dan frekuensinya dicatat. Data yang diperoleh dianalisis secara deskriptif.

Hasil penelitian diperoleh frekuensi gerak rumen kambing Sapera memiliki rentang 1 – 2 kali/menit. Disimpulkan bahwa rerata frekuensi gerak rumen kambing Sapera di dataran sedang adalah 1,11/menit.

Kata kunci: data fisiologis, frekuensi, gerak rumen, kambing Sapera

ABSTRACT

STUDY FREQUENCY OF RUMEN MOTILITY ON SAPERA GOAT IN MEDIUM PLAINS

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Sapera goat is a one type of cross goat that mostly farmed by breeders in Indonesia. The rumen motility frequency is one of a reference to determine the livestock health. Until now, there had no reports of rumen motility on Sapera goat, especially in medium plains. This study aims to determine the rumen motility frequency on Sapera goat in medium plains.

Nine adult females healthy Sapera goat used in this study. The goats aged 6 months – 48 months old that farmed in Randu Kuning hamlet, Gondosuli village, Muntilan district, Magelang regency with 442,43 mdpl. Examination of rumen motility frequency was performed by auscultation around the left paralumbar fossa and directed towards the rumen area. Rumen sounds was listened using a stethoscope for 1 minute and the frequency was noted. The data obtained were analyzed descriptively.

The results showed that the rumen motility frequencies of Sapera goats ranged from 1 – 2 times/minutes. It is concluded that the average motility frequency of Sapera goat in medium plains areas is 1,11/minutes.

Keywords: frequency, physiological data, rumen motility, Sapera goat