

## ABSTRAK

### TEMPERATUR TUBUH KAMBING SAPERA (*Capra Aegagrus Hircus*) SEHAT DI DATARAN SEDANG

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Kambing Sapera adalah kambing perah yang mulai dikembangkan di Indonesia, tetapi belum ada standar nilai fisiologis pengukur kesehatannya. Salah satu parameter kesehatan kambing adalah temperatur tubuh. Tujuan penelitian ini adalah mengkaji temperatur tubuh kambing Sapera sehat di wilayah dataran sedang Kabupaten Magelang.

Penelitian dilakukan dalam satu waktu menggunakan 9 ekor kambing Sapera betina dengan rentang umur 8 – 48 bulan yang dipelihara di wilayah dataran sedang Kabupaten Magelang dengan ketinggian 442,23 mdpl, kelembaban 60% dan suhu lingkungan 30 °C. Semua kambing diperiksa kondisi fisiknya secara klinis untuk menentukan kesehatannya. Kambing diukur temperatur tubuhnya menggunakan termometer *digital* dengan memposisikan termometer ke dalam rektum selama 1 menit. Hasil pengukuran temperatur tubuh diolah menggunakan aplikasi *Microsoft Excel* dianalisis secara deskriptif dan disajikan dalam bentuk tabel dan gambar.

Hasil penelitian menunjukkan bahwa semua kambing yang digunakan di dalam penelitian ini dalam keadaan sehat. Temperatur tubuh kambing Sapera terukur 38,6 - 39,7°C. Kesimpulan penelitian adalah temperatur tubuh kambing Sapera sehat yang dipelihara di dataran sedang terendah 38,6°C dan tertinggi 39,7°C.

Kata Kunci: dataran sedang, kambing Sapera, temperatur tubuh

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### **BODY TEMPERATURE OF HEALTHY SAPERA GOATS (*Capra Aegagrus Hircus*) IN MODERATE ALTITUDE AREAS**

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Sapera goats are dairy goats that are being developed in Indonesia, but there is currently no standard for physiological values to measure their health. One of the health parameters for goats is body temperature. The purpose of this research is to examine the body temperature of healthy Sapera goats in the moderate plateau area of Magelang Regency.

The research was conducted at a single time point using 9 female Sapera goats with an age range of 8 - 48 months raised in the moderate plateau area of Magelang Regency at an altitude of 442.23 meters above sea level, with humidity of 60% and ambient temperature of 30°C. All goats were clinically examined to determine their health status. The body temperature of goats was measured using a digital thermometer by positioning the thermometer into the rectum for 1 minute. The results of the body temperature measurements were processed using Microsoft Excel application, analyzed descriptively, and presented in tables and graphs.

The research findings indicate that all goats used in this study were in good condition. The measured body temperature of Sapera goats ranged from 38.6°C to 39.7°C. The conclusion of the study was that the body temperature of healthy Sapera goats kept in the medium plains was the lowest at 38.6°C and the highest at 39.7°C.

**Key word:** body temperature, moderate plateau, Sapera goats