

## **MATERNAL BEHAVIOR DAN KONDISI LAHIR SAPI ACEH**

### **DI BPTU-HPT INDRAPURI ACEH**

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#### **INTISARI**

Penelitian ini bertujuan untuk mengetahui *maternal behavior* (tingkah laku induk) sapi Aceh sebelum dan setelah melahirkan serta kondisi lahir pedet di BPTU-HPT Indrapuri Aceh. Materi yang digunakan pada penelitian ini adalah sapi Aceh betina dengan umur kebuntingan 9 bulan sebanyak 12 ekor yang berusia 2 hingga 3 tahun. Data yang diambil dalam penelitian ini meliputi *Body Condition Score* (BCS), tingkah laku bersarang, menjilati pedet, memakan plasenta, memanggil pedet, sifat agresif, penilaian mekonium, pergerakan, dan menyusui. Data hasil penelitian BCS induk dianalisis menggunakan uji *One Way ANOVA* menggunakan program *Statistical Package for The Social Science* (SPSS), sedangkan data *maternal behavior* dan kondisi lahir pedet dianalisis secara deskriptif kuantitatif dengan bantuan program *microsoft excel*. Hasil penelitian menunjukkan bahwa rata-rata BCS induk sebelum melahirkan  $2,74 \pm 0,48$ , BCS induk sesudah melahirkan  $2,65 \pm 0,47$ , induk tidak melakukan tingkah laku bersarang, sebanyak 100% induk menjilati pedet, sebanyak 58,33% induk memakan plasenta, seluruh induk melakukan tingkah laku memanggil pedet, seluruh induk memiliki sifat agresif menyerang, rata-rata penilaian kondisi meconium 3, pergerakan  $2,83 \pm 0,39$ , dan menyusui  $2,75 \pm 0,45$ . Analisis BCS menunjukkan hasil yang tidak berbeda nyata antara BCS sebelum dan sesudah melahirkan. Kesimpulan yang didapatkan yaitu induk sapi Aceh memiliki *maternal behavior* yang baik dan pedet lahir dengan kondisi baik.

Kata kunci: Induk sapi Aceh, Kondisi lahir pedet, Tingkah laku induk

## **MATERNAL BEHAVIOR AND BIRTH CONDITION OF ACEH CATTLE AT BPTU-HPT INDRAPURI ACEH**

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### **ABSTRACT**

The study aims to determine the maternal behavior of Aceh cows before and after parturition and the birth condition of calves at BPTU-HPT Indrapuri Aceh. The materials used in this study were 12 Aceh cows at last gestational age or 9 months, aged 2 to 3 years. The data collected in this study include *Body Condition Score* (BCS), nesting behavior, licking calves, eating placenta, calling calves, aggressive behavior, meconium assessment, movement, and suckling. The data on the Body Condition Score of the mothers were analyzed using the One Way ANOVA with the Statistical Package for the Social Sciences (SPSS) program. In contrast, the data on maternal behavior and calf birth conditions were analyzed descriptively and quantitatively with the Microsoft Excel program. The results showed that the average BCS of the mothers before giving birth was  $2.74 \pm 0.48$ , and the BCS after giving birth was  $2.65 \pm 0.47$ . The mothers did not exhibit nesting behavior; 100% of the mothers licked their calves; 58.33% of the mothers ate the placenta; all mothers called their calves and exhibited aggressive behavior; the average assessment of meconium condition was 3; movement was  $2.83 \pm 0.39$ , and suckling was  $2.75 \pm 0.45$ . BCS analysis results showed significantly different results between BCS before and after calving. The conclusion is that Aceh cows exhibit good maternal behavior and calves with good birth condition.

Keyword: Aceh cows, Calves birth condition, Maternal behavior