

## **PENGARUH PENCUKURAN RAMBUT TERHADAP KONDISI FISILOGIS DAN TINGKAH LAKU DOMBA EKOR TIPIS JANTAN**

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### **INTISARI**

Penelitian ini bertujuan untuk mengetahui pengaruh pencukuran rambut terhadap kondisi fisiologis dan tingkah laku domba Ekor Tipis jantan. Penelitian menggunakan 8 ekor domba jantan berumur sekitar 2 tahun. Pencukuran dilakukan pada seluruh bagian tubuh dengan menyisakan rambut sepanjang 0, 1 cm. Data yang diambil meliputi panjang rambut pundak, kondisi fisiologis dan tingkah laku. Data frekuensi respirasi, frekuensi pulsus, suhu rektal, dan tingkah laku yang meliputi durasi makan, frekuensi minum, lama ruminasi, frekuensi urinasi dan defekasi, lama berdiri dan berbaring dianalisis menggunakan *Independent Sample T-test*. Frekuensi respirasi, pulsus dan suhu rektal domba yang dicukur lebih rendah ( $p < 0,05$ ) daripada yang tidak dicukur. Durasi makan, ruminasi, dan berdiri domba yang dicukur lebih panjang ( $p < 0,05$ ), frekuensi defekasi yang dicukur lebih tinggi ( $p < 0,05$ ), frekuensi minum dan urinasi yang dicukur lebih rendah ( $p < 0,05$ ), serta durasi berbaring yang dicukur lebih pendek ( $p < 0,05$ ) daripada yang tidak dicukur. Disimpulkan bahwa pencukuran rambut menurunkan frekuensi respirasi, pulsus, dan suhu rektal, memperpanjang durasi makan, ruminasi, dan berdiri, meningkatkan frekuensi defekasi, serta menurunkan frekuensi minum dan urinasi.

Kata kunci : Domba Ekor Tipis, Tingkah laku, Kondisi fisiologis, Pencukuran rambut

## **THE EFFECT OF WOOL SHEARING ON JAVANESE THIN TAILED RAMS PHYSIOLOGICAL CONDITIONS AND BEHAVIORS**

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### **ABSTRACT**

The study was aimed to observe the effects of shearing on the physiological conditions and behaviors of Javanese Thin Tailed rams. Eight heads of 2 year old rams were used in this study. The wool is sheared by machine on the whole body leaving 0,1 cm in length. Data observed were consisted of wool length, physiological conditions, and behaviors. Respiration rate, pulse rate, rectal temperature, eating, ruminating, standing, and laying durations, drinking, urinating and defecating frequencies was analyzed with *Independent Sample T-test*. Respiration rate, pulse rate, and rectal temperature of sheared rams were lower ( $p < 0,05$ ) than those of unsheared rams. Eating, ruminating, and standing durations of sheared rams were longer ( $p < 0,05$ ), defecating frequency of sheared rams were higher ( $p < 0,05$ ), drinking and urinating frequencies of sheared rams were lower ( $p < 0,05$ ), laying duration of sheared rams were shorter ( $p < 0,05$ ) than those of unsheared rams. It can be concluded that shearing decrease respiration rate, pulse rate, and rectal temperature, increase eating, ruminating, standing durations, and defecation frequency, as well as decrease drinking and urinating frequencies.

**Keyword:** Javanese Thin Tailed Sheep, Behaviors, Physiological conditions, Wool Shearing.