

## **KONSUMSI DAN KECERNAAN NUTRIEN DOMBA EKOR TIPIS DENGAN PENAMBAHAN *HIGH QUALITY FEED SUPPLEMENT***

**Luthfi Iqbal Romadlon**

**17/414822/PT/07511**

### **INTISARI**

Penelitian ini bertujuan untuk mengetahui pengaruh penambahan *high quality feed supplement* (HQFS) terhadap konsumsi dan pencernaan nutrisi domba ekor tipis. HQFS terdiri dari bahan pakan sumber energi dan *mineral mix*. *Mineral mix* terdiri dari Ca, P, K, Mg, Na, N, S, Fe, Zn, Cu dan Se. Penelitian ini dilaksanakan selama empat bulan dengan menggunakan 15 ekor domba ekor tipis betina berumur 2 sampai 3 tahun dengan rerata bobot badan awal 20 sampai 25 kg. Pakan diberikan dua kali sehari: pukul 07.00 dan 15.00 WIB. Rancangan yang digunakan adalah rancangan acak lengkap pola searah (RAL) dilanjutkan uji *Tukey* apabila menunjukkan hasil yang signifikan. Perlakuan terbagi atas: pakan kontrol tanpa penambahan HQFS (K), 10% HQFS (P1), dan 20% HQFS (P2). Variabel yang diamati meliputi konsumsi, pencernaan nutrisi, dan nutrisi tercerna. Hasil penelitian dapat disimpulkan bahwa pemberian HQFS dengan proporsi 10% dan 20% tidak menunjukkan efek yang nyata pada konsumsi nutrisi, koefisien cerna nutrisi, dan nutrisi tercerna domba ekor tipis.

Kata kunci: Domba ekor tipis, *High quality feed supplement*, Pencernaan nutrisi, Konsumsi nutrisi

## **NUTRIENT CONSUMPTION AND DIGESTABILITY OF THIN-TAILED SHEEP WITH ADDITION OF HIGH QUALITY FEED SUPPLEMENT**

**Luthfi Iqbal Romadlon**

**17/414822/PT/07511**

### **ABSTRACT**

This study aimed to determine the effect of the addition high quality feed supplements (HQFS) on the consumption and digestibility nutrient of thin-tailed sheep. HQFS consist of energy sources and mineral mix. Mineral mix consists of Ca, P, K, Mg, Na, N, S, Fe, Zn, Cu and Se. The research was conducted for 4 months using 15 female thin-tailed sheep aged 2 to 3 years with an average initial body weight of 20 to 25 kg. Bulls fed three times a day at 07.00 am and 03.00 pm. All data were analysed by using analysis of completely randomized design continued tukey test if it showed significant results. The treatments were divided into control without addition of HQFS (K), 10% HQFS (P1), and 20% HQFS (P2). The variables observed were consumption, nutrient digestibility, and digested nutrients. The results of the research showed that the proportion of 10% and 20% of HQFS no significant effects of HQFS on consumption, nutrient digestibility, and digested nutrients of thin-tailed sheep.

**Keywords:** Thin-Tailed Sheep, high quality feed supplement, digestibility, consumption