

ABSTRAK

PERBANDINGAN SUPLEMENTASI JENIS MINERAL ORGANIK DALAM RANSUM TERHADAP JUMLAH ERITROSIT, HEMATOKRIT DAN GLUKOSA DARAH PADA KAMBING RAMBON

Oleh

Adellia Beninda

Penelitian ini bertujuan untuk mengetahui perbandingan dan perlakuan terbaik mineral organik dengan mineral sabun dalam ransum terhadap jumlah eritrosit, hematokrit dan glukosa darah pada kambing rambon. Penelitian ini dilaksanakan pada Februari-April 2023 dan berlokasi di Kandang Jurusan Peternakan, Fakultas Pertanian, Universitas Lampung. Percobaan dilakukan pada 12 ekor kambing rambon jantan, dengan Rancangan Acak Kelompok (RAK) yang terdiri dari 3 perlakuan dan 4 ulangan. Perlakuan pada penelitian ini yaitu: P1 : ransum basal (onggok, silase daun singkong, bungkil sawit, dan dedak), P2 : ransum basal + mineral organik (Ca dan Mg), dan P3 : ransum basal + mineral sabun (Ca dan Mg). Data yang diperoleh dianalisis menggunakan Analisa Sidik Ragam (ANOVA). Peubah yang diamati adalah eritrosit, hematokrit dan glukosa darah. Berdasarkan penelitian yang telah dilakukan dapat disimpulkan bahwa perlakuan pemberian mineral organik (Ca dan Mg) dan mineral sabun (Ca dan Mg) tidak berpengaruh nyata ($P > 0,05$) terhadap jumlah eritrosit, hemtokrit, dan glukosa darah pada kambing rambon.

Kata Kunci: Eritrosit, Hematokrit, Glukosa Darah, Rambon, Mineral Organik, Mineral Sabun.

ABSTRACT

COMPARISON OF SUPPLEMENTATION OF ORGANIK MINERAL TYPES IN RATIONS TO THE AMOUNT OF ERYTHROCYTES, HEMATOCRITS AND BLOOD GLUCOSE IN RAMBON GOATS

By

Adellia Beninda

This study aims to determine the best comparison and treatment of organik minerals with soap minerals in rations on the number of erythrocytes, hematocrit and blood glucose in rambon goats. This research was conducted in February-April 2023 and is located in the Animal Husbandry Department, Faculty of Agriculture, University of Lampung. The experiment was carried out on 12 male rambon goats, using a randomized block design (RAK) consisting of 3 treatments and 4 replications. Treatments in this study were: P1: basal ration (cassava, cassava leaf silage, palm oil cake, and bran), P2: basal ration + organik minerals (Ca and Mg), and P3: basal ration + soap minerals (Ca and Mg). The data obtained were analyzed using analysis of variance (ANOVA). The observed variables were erythrocytes, hematocrit and blood glucose. Based on the research that has been done, it can be concluded that the treatment of giving organik minerals (Ca and Mg) and mineral soap (Ca and Mg) did not significantly affect the number of erythrocytes, hematocrit and blood glucose in rambon goats.

Keywords: Erythrocytes, Hematocrit, Blood Glucose, Rambon, Organik Minerals, Soap Minerals.