

ABSTRAK

PENGARUH PEMBERIAN RANSUM KOMERSIL DENGAN BAHAN PAKAN LOKAL TERFERMENTASI AMONIUM SULFAT DAN UREA TERHADAP KADAR LEMAK DARAH ITIK HIBRIDA

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Penelitian yang bertujuan untuk mengetahui pengaruh pemberian ransum komersil dengan tambahan bahan pakan terfermentasi amonium sulfat dan urea terhadap kadar lemak darah itik jantan lokal telah dilaksanakan pada Juli 2018—Agustus 2018 di kandang Jurusan Peternakan, Fakultas Pertanian, Universitas Lampung. Pemeriksaan kadar lemak darah di UPTD Balai Laboratorium Provinsi Lampung. Penelitian ini menggunakan Rancangan Acak Lengkap dengan 4 perlakuan dan 4 ulangan. Perlakuan yang diberikan adalah R0: ransum komersil; R1: 80% ransum komersil + 20 % BPF1; R2: 80% ransum komersil + 20 % BPF2; R3: 80% ransum komersil + 20 % BPF3. Data yang diperoleh dianalisis ragam menggunakan taraf nyata 5%. Peubah dalam penelitian ini yaitu lemak darah yang meliputi kolesterol, trigliserida, HDL, dan LDL. Hasil penelitian menunjukkan bahwa pengaruh pemberian ransum komersil dengan bahan pakan lokal terfermentasi amonium sulfat dan urea berpengaruh nyata ($P < 0,05$) terhadap kolesterol dan tidak berpengaruh nyata ($P > 0,05$) terhadap trigliserida, HDL, dan LDL darah itik hibrida.

Kata kunci: Itik, amonium sulfat, urea, kadar lemak.

ABSTRACT

THE EFFECT OF COMMERCIAL RATIONING WITH THE ADDITION OF AMMONIUM SULFATE AND UREA FERMENTED FEED INGREDIENTS ON HYBRID DUCKS BLOOD FAT CONTENT

By

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The study that aimed to determine the effect of commercial rationing with the addition of ammonium sulfate and urea fermented feed ingredients on local male ducks blood fat content was carried out in July 2018-August 2018 at cage in Department of Animal Husbandry, Faculty of Agriculture, University of Lampung. Examination of blood fat levels was carried out in UPTD Central Laboratory of Lampung Province. This study used a completely randomized design with 4 treatments and 4 replications. The treatment given is R0: commercial ration; R1: 80% commercial ration + 20% BPF1; R2: 80% commercial ration + 20% BPF2 ; R3: 80% commercial ration + 20% BPF3. The data obtained were analyzed by using 5% real level. Variables in this study were blood fats which included cholesterol, triglycerides, HDL, and LDL. The results showed that the effect of commercial ration with local ammonium sulfate and urea fermented feed ingredients significant effect ($P < 0,05$) on cholesterol and had no significant effect ($P > 0,05$) on triglycerides, HDL, and LDL of hybrid ducks.

Keywords: Duck, ammonium sulfate, urea, blood fat content.