

ABSTRAK

PENGARUH PEMBERIAN TONGKOL JAGUNG TERAMONIASI TERHADAP PERFORMA DAN IOFC DOMBA EKOR TIPIS

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Penelitian ini bertujuan untuk mengetahui pengaruh pemberian tongkol jagung teramoniasi dan untuk mengetahui level pemberian terbaik terhadap konsumsi ransum, pertambahan bobot badan harian, *feed conversion ratio* dan *Income Over Feed Cost* (IOFC) domba ekor tipis. Penelitian ini dilaksanakan Agustus--Oktober 2022 di Jurusan Peternakan, Fakultas Pertanian, Universitas Lampung, Bandar Lampung. Penelitian ini dilakukan menggunakan Rancangan Acak Kelompok (RAK) dengan 3 perlakuan dan 4 kelompok, dengan menggunakan 12 domba. Perlakuannya adalah P0; ransum basal 100%, P1; 75% ransum basal + 25% tongkol jagung teramoniasi, dan P2; 50% ransum basal + 50% tongkol jagung teramoniasi. Data yang diperoleh dianalisis ragam pada taraf 5% dan uji lanjut BNT. Hasil dari penelitian ini menunjukkan bahwa perlakuan berpengaruh nyata ($P < 0,05$) terhadap konsumsi ransum, pertambahan bobot badan, dan FCR. Sedangkan, perlakuan tidak berpengaruh nyata ($P > 0,05$) terhadap IOFC. Pemberian ransum basal tanpa substitusi tongkol jagung teramoniasi pada perlakuan P0 memberikan pengaruh terbaik pada konsumsi ransum dan pertambahan bobot badan harian, kemudian pemberian tongkol jagung teramoniasi dengan substitusi sebesar 50% pada perlakuan P2 memberikan pengaruh terbaik pada FCR.

Kata kunci: Domba ekor tipis, IOFC, Performa, Tongkol jagung teramoniasi

ABSTRACT

EFFECT OF FEEDING AMMONIATED CORN COBS ON THE PERFORMANCE AND IOFC OF JAVANESE THIN TAILED SHEEP

By

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This research aims to determine the effect of feed containing ammoniated corn cobs and to determine the best level of feeding ammoniated corn cobs on feed consumption, average daily gain, feed conversion ratio and income over feed cost (IOFC) in Javanese thin tailed sheep. This research was conducted in August--October 2022, at Departement of Animal Husbandry, Faculty of Agriculture, University of Lampung, Bandarlampung. This research were randomly devided into four groups with with three treatments, by using 12 sheeps. The treatments were P0; commercial feed 100%, P1; 75% commercial feed + 25% ammoniated corn cobs, P2; 50% commercial feed + 50% ammoniated corn cobs. The data obtained were analyzed of variance at the 5% level and the LSD test. The results showed that feeding ammoniated corn cobs was significant ($P < 0.05$) on feed consumption, average daily gain, and feed conversion ratio, altought not significant ($P > 0.05$) on income over feed cost. Feeding commercial feed without substitution of ammoniated corn cobs in the P0 treatment the best effect on feed consumption and average daily gain, then feed containing ammoniated corn cobs subtitution of 50% in the P2 giving the best effect of feed conversion ratio.

Keywords: Javanese thin tailed sheep, IOFC, Performance, Ammoniated corn cobs