

PENGARUH SUPLEMENTASI SUMBER ENERGI PADA SEPERTIGA AKHIR KEBUNTINGAN TERHADAP BERAT BADAN INDUK DAN BERAT LAHIR CEMPE PERANAKAN ETTAWA

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INTISARI

Penelitian ini bertujuan untuk mengetahui efek dari suplementasi pakan konsentrat sumber energi pada sepertiga akhir kebuntingan induk kambing Peranakan Ettawa (PE) pada masa laktasi kedua terhadap pertambahan berat badan induk dan berat lahir cempe .Penelitian ini dilaksanakan di Kemirikebo, Girikerto, Turi,Sleman, Yogyakarta. Induk kambing Peranakan Ettawa (PE) bunting tua sebanyak 8 ekor dibagi menjadi 2 kelompok perlakuan pakan yaitu kelompok kontrol dengan pemberian pakan hijauan secara ad libitum dan kelompok perlakuan dengan pemberian pakan hijauan secara ad libitum ditambah dengan konsentrat sumber energi sebanyak 1% dari berat badan . Parameter yang diukur adalah konsumsi BK, PK, TDN, pertambahan berat badan induk selama bunting tua, dan berat lahir cempe.Data konsumsi pakan, pertambahan berat badan induk dan berta lahir cempe dianalisis dengan menggunakan t-test. Hasil penelitian menunjukkan bahwa konsumsi BK, PK, TDN, **berat badan induk**, dan **berat lahir cempe** untuk kontrol dan perlakuan adalah (39,57 vs 43,94 g/kgBB), (7,10 vs 6,10 g/kgBB), (27,54 vs 22,28 g/kgBB), (7,00 vs 7,75 kg), dan (3,94 vs 3,31 kg) menunjukkan perbedaan yang tidak nyata ($P>0,05$). Dari hasil penelitian dapat disimpulkan bahwa suplementasi sumber energi tidak berpengaruh terhadap konsumsi BK g/kg BB, konsumsi PK g/kg BB, konsumsi TDN g/kg BB, berat badan induk dan berat lahir cempe.

Kata kunci : Kambing Peranakan Ettawa, Konsentrat Sumber Energi, Konsumsi Pakan

THE EFFECT OF CONCENTRATE SUPPLEMENTATION IN THE LAST THREE MONTHS OF PREGNANCY ON THE WEIGHT GAIN OF DOES AND BIRTH WEIGHT OF ETTAWA CROSSBRED KIDS

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ABSTRACT

This research was conducted to study the effect of concentrate supplementation in the last three months of pregnancy weight gain of does and birth weight of Ettawa Crossbred kids. This research was done in Kemirikebo, Girikerto, Turi, Sleman, Jogjakarta. Eighthead pregnant Ettawa Crossbred goats randomly were divided into two groups. The first group called control group that was given forage. The second group called teratment group that was given forage same as first group and supplemented with concentrates 1 % of body weight. Parameters measured were dry matter intake, crude protein intake, total digestible nutrient, gain of does and birth weight of kids. Data were analysed using T-test. The results showed that dry matter (DM) (39.57 vs 43.94 BW g/kg), crude protein (CP) (7.1 vs 6.1 BW g/kg), total digestible nutrient (TDN) (27.54 vs 22.28 BW g/kg), gain of does(7 vs 7.75 kg) and birth weight (3.94 vs 3.31 kg) were not significantly affected by concentrates supplementation. It was concluded that the concentrates supplementation during last three months of pregnancy had not increased weight gain of does and birth weight of the kids.

Key words : Ettawa Crossbred Goats, Energy Source Concentrates, Feed Concupmption.