

ABSTRAK

PENGARUH PENAMBAHAN *MILK REPLACER* PADA PAKAN TERHADAP RESPONS FISILOGIS PADA KAMBING *CROSS BOER* JANTAN

Oleh

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Penelitian ini bertujuan untuk mengetahui pengaruh dan level pemberian *milk replacer* yang terbaik dalam ransum terhadap respons fisiologis kambing *cross boer* jantan. Penelitian ini dilaksanakan pada Maret sampai April 2024, bertempat di Peternakan Kambing Kahfi Farm milik Bapak Feri yaitu Jalan Terusan Raba Asyid Gang Walet, Desa Fajar Baru, Kecamatan Jati Agung, Kabupaten Lampung Selatan. Kambing *cross boer* yang digunakan sebanyak 12 ekor dengan bobot sebesar 20,5 sampai 38,5 kg. Penelitian ini dilakukan secara eksperimental menggunakan Rancangan Acak Lengkap (RAL) dengan empat perlakuan dan tiga kali ulangan. Data respons fisiologis yang diperoleh dianalisis dengan *analysis of varian (ANOVA)*. Hasil penelitian menunjukkan bahwa pemberian *milk replacer* tidak berpengaruh nyata ($P>0,05$) terhadap frekuensi respirasi denyut jantung, dan suhu rektal kambing *cross boer* jantan.

Kata kunci: Kambing *cross boer* jantan, *milk replacer*, respons fisiologis, frekuensi respirasi, denyut jantung, suhu rektal

ABSTRACT

THE EFFECT OF ADDING *MILK REPLACER* IN THE RATION ON PHYSIOLOGICAL RESPONSES IN MALE *CROSS BOER* GOATS

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This study aims to determine the effect and level of the best milk replacer in the ration on the physiological response of male cross boer goats. This research will be carried out from March to April 2024, at Mr. Ferry's Kahfi Farm, namely. Raba Asyid Gang Walet canal road, Fajar Baru Village, Sub-district Jati Agung, Regency South Lampung. Cross boer goats used as many as 12 heads with a weight of 20.5 to 38.5 kg. This study was conducted experimentally using Complete Randomized Design (RAL) with four treatments and three repeats. The physiological response data obtained analyzed by analysis of variance (ANOVA). The results showed that the administration of milk replacer had no significant effect ($P>0,05$) on respiration frequency, heart rate, and rectal temperature of male cross boer goats.

Keywords: Male cross boer goats, milk replacer, physiological response, respiration frequency, heart rate, rectal temperature