

ABSTRAK

PERBEDAAN PEMBERIAN KONSENTRAT MF DAN KONSENTRAT GRUMI FEED A TERHADAP PERTAMBAHAN BOBOT TUBUH, EFISIENSI RANSUM DAN *INCOME OVER FEED COST* PADA SAPI POTONG

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Penelitian ini bertujuan untuk mengetahui perbedaan pemberian konsentrat MF dan konsentrat Grumi Feed A untuk mengetahui pemberian terbaik terhadap pertambahan bobot badan harian, efisiensi ransum dan *income over feed cost* pada sapi potong. Penelitian ini dilaksanakan Oktober--November 2022 di kandang sapi penggemukan Inovarm, Desa Astomulyo, Kecamatan Punggur, Kabupaten Lampung Tengah. Penelitian ini menggunakan metode eksperimental yang terdiri dari 2 perlakuan dimana pada masing-masing perlakuan terdapat 10 ulangan, sehingga terdapat 20 unit satuan percobaan. dimana P0 merupakan perlakuan control yang terdiri dari konsentrat Grumi *Feed A* 60% dan kulit singkong 40%, sedangkan P1 merupakan perlakuan dengan komposisi konsentrat MF 60% dan kulit singkong 40%. Dalam formulasi konsentrat MF terdapat bahan pakan berupa *Multi Nutrients Sauce* (MNS). MNS berfungsi sebagai sumber mineral mikro. Data yang diperoleh dianalisis menggunakan uji beda rata-rata (*T-Test*). Hasil dari penelitian ini menunjukkan bahwa perlakuan tidak berpengaruh nyata ($P>0,05$) terhadap pertambahan bobot badan, efisiensi ransum dan *income over feed cost* pada sapi potong. Pemberian ransum basal tanpa perlakuan P0 memberikan pengaruh terbaik pada efisiensi ransum dan *income over feed cost* dan perlakuan P1 memberikan pengaruh terbaik terhadap pertambahan bobot badan harian.

Kata kunci: Sapi Potong, Konsentrat, Pertambahan Bobot Tubuh, Efisiensi ransum, *Income Over Feed Cost*, dan *Multi Nutrient Sauce* (MNS).

ABSTRACT

DIFFERENCES IN GIVING MF CONCENTRATE AND GRUMI FEED A CONCENTRATE ON BODY WEIGHT INCREASE, RATION EFFICIENCY AND INCOME OVER FEED COST IN BEEF CATTLE

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This study aims to determine the differences in the provision of MF concentrate and Grumi Feed A concentrate to determine the best provision for daily body weight gain, ration efficiency and income over feed cost in beef cattle. This research was conducted from October to November 2022 at the Inovarm fattening cattle pen, Astomulyo Village, Punggur District, Central Lampung Regency. This study used an experimental method consisting of 2 treatments where in each treatment there were 10 replications, so there were 20 experimental units. where P0 is a control treatment consisting of 60% Grumi Feed A concentrate and 40% cassava peel, while P1 is a treatment with a composition of 60% MF concentrate and 40% cassava peel. In the MF concentrate formulation there is a feed ingredient in the form of *Multi Nutrients Sauce* (MNS). MNS serves as a source of micro minerals. The data obtained were analyzed using the average difference test (T-Test). The results of this study indicated that treatment had no significant effect ($P>0.05$) on body weight gain, ration efficiency and income over feed cost in beef cattle. Giving basal rations without P0 treatment had the best effect on ration efficiency and income over feed costs and P1 treatment had the best effect on daily body weight gain.

Keywords: *Beef Cattle, Concentrate, Body Weight Gain, Efficiency, Income Over Feed Cost, and Multi Nutrient Sauce (MNS).*