

ABSTRAK

PENGARUH PEMBERIAN TONGKOL JAGUNG TERAMONIASI TERHADAP KONSUMSI PAKAN DAN PERTAMBAHAN BOBOT TUBUH SAPI BRAHMAN CROSS DI KPT MAJU SEJAHTERA

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Tujuan penelitian ini adalah mengetahui pengaruh dan dosis urea terbaik dalam pemberian tongkol jagung teramoniasi terhadap konsumsi pakan dan pertambahan bobot tubuh sapi Brahman Cross. Penelitian ini telah dilaksanakan pada Oktober --Desember 2021 yang bertempat di KPT Maju Sejahtera, Desa Wawasan, Kecamatan Tanjung Sari, Kabupaten Lampung Selatan. Rancangan yang digunakan adalah Rancangan Acak Kelompok (RAK) yang terdiri 3 perlakuan dan 3 kelompok sebagai ulangan. Perlakuan yang diberikan yaitu P0 : 80% pakan basal + 20% tongkol jagung tanpa teramoniasi (0% urea), P1 : 80% pakan basal + 20% tongkol jagung teramoniasi (2,5% urea), dan P2 : 80% pakan basal + 20% tongkol jagung teramoniasi (5% urea). Variabel yang diamati meliputi pertambahan bobot tubuh, konsumsi pakan, konversi pakan, dan *income over feed cost* (IOFC). Hasil penelitian menunjukkan bahwa konsumsi pakan P0:7,38±1,26 kg; P1:7,32±1,47 kg; P2:7,26±2,10 kg, pertambahan bobot tubuh P0:0,85±0,16 kg; P1:0,97±0,13 kg; P2:0,90±0,23 kg, dan konversi pakan P0:8,79±1,62; P1:7,56±1,22; P2:8,04±0,35 tidak berpengaruh nyata diantara perlakuan (P0, P1, dan P2), sedangkan *income over feed cost* (IOFC) P0:Rp28.635; P1:Rp34.054; P2:Rp30.620 berpengaruh terhadap perlakuan.

Kata kunci: Amoniasi, Konsumsi pakan, Pertambahan bobot tubuh, Sapi Brahman Cross, Tongkol jagung

ABSTRACT

THE EFFECT OF GIVING AMMONIATED CORN COBS ON THE FEED CONSUMPTION AND BODY WEIGHT GAIN BRAHMAN CROSS IN KPT MAJU SEJAHTERA

By

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This research aims to determine the effect and best urea dose of giving ammoniated corn cobs on the feed consumption and body weight gain Brahman Cross. This research has been done on October to December 2021 in KPT Maju Sejahtera, Wawasan Village, Tanjung Sari District, South Lampung Regency. The design used was a Randomized Block Design (RBD) consisting of 3 treatments and 3 grup as a test. The treatment provided was P0:80% basal feed + 20% unammoniated corn cobs (0% urea), P1:80% basal feed + 20% ammoniated corn cobs (2.5% urea), and P2:80% basal feed + 20% ammoniated corn cobs (5% urea). Variables measured were feed consumption, body weight gain, feed conversion ratio, and income over feed cost (IOFC). The results showed that feed consumption P0:7,38±1,26 kg; P1:7,32±1,47 kg; P2:7,26±2,10 kg, body weight gain P0:0,85±0,16 kg; P1:0,97±0,13 kg; P2:0,90±0,23 kg, and feed conversion ratio P0:8,79±1,62; P1:7,56±1,22; P2:8,04±0,35 had no significant effect between treatments (P0, P1, and P2), while income over feed cost (IOFC) P0:Rp28.635; P1:Rp34.054; P2:Rp30.620 had effect on the treatments.

Key word: Ammoniated, Feed consumption, Body weight gain, Brahman Cross, Corn cob