

**PENGARUH SUPLEMENTASI UREA MULTINURIENTS MOLASSES BLOCK TERHADAP PERFORMAN SAPI POTONG INDUK DI KELOMPOK TANI "MANUNGGAL KARYA" SAMAS KABUPATEN BANTUL**

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**INTISARI**

Penelitian ini bertujuan untuk mengidentifikasi pengaruh suplementasi pakan *Urea multinutrients molasses block* (UMMB) terhadap performan sapi induk di kelompok ternak "Manunggal Karya" Samas, Kabupaten Bantul. Penelitian ini menggunakan 9 ekor induk sapi persilangan peranakan Ongole dengan Simmental, yang dibagi secara acak menjadi tiga kelompok perlakuan pakan. Perlakuan I (RI) diberi pakan basal sesuai yang diberikan peternak. Perlakuan II (RII) seperti perlakuan I ditambah UMMB. Perlakuan III (RIII) seperti perlakuan II ditambah obat cacing. Data penelitian berupa konsumsi bahan kering (BK), bahan organik (BO), protein kasar (PK), serat kasar (SK), *total digestible nutrients* (TDN), penambahan bobot badan dan *body condition score* (BCS) yang dianalisis statistik dengan menggunakan analisis variansi menurut rancangan acak lengkap pola searah dan pada perbedaan variabel karena perlakuan pakan dilanjutkan uji *Duncan's multiple range test*. Hasil penelitian menunjukkan perbedaan yang nyata ( $P < 0,05$ ) berturut-turut untuk RI, RII dan RIII pada konsumsi BK (99,89, 112,71, 120,11 g/Kg BBM), konsumsi BO (84,24, 92,68, 99,33 g/Kg BBM), konsumsi PK (7,49, 9,29, 9,98 g/Kg BBM) dan Konsumsi TDN (42,82, 48,27, 51,44 g/Kg BBM), tetapi tidak menunjukkan perbedaan yang nyata ( $P > 0,05$ ) pada konsumsi SK (24,73, 25,18, 26,23 g/Kg BBM), penambahan bobot badan (0,2, 0,24, 0,34 kg/hari) dan *body condition score* (BCS) (4, 2,33, 4). Dari hasil penelitian ini dapat disimpulkan bahwa suplementasi UMMB belum dapat meningkatkan penambahan bobot badan dan *body condition score* (BCS).

Kata Kunci : Sapi, UMMB, Konsumsi Pakan, Bobot Badan

**EFFECT OF UREA MULTINUTRIENTS MOLASSES BLOCK  
SUPPLEMENTATION ON PERFORMANS OF CATTLE  
AT "MANUNGGAL KARYA" FARMER GROUPS  
SAMAS BANTUL**

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**Abstract**

The experiment was conducted to determine the effect of urea multinutrients molasses block (UMMB) supplementation on performans of female cattle at "Manunggal Karya" Samas Bantul farmers. Nine Ongole Crossbred with Simmental cross cattle, were divided randomly into three treatment diet groups. Treatment I (RI) was fed basal diet as given by farmers. Treatment II (RII) as treatment I added supplement UMMB. Treatment III (RIII) as treatment II added anthelmintic. Dry matter, organic matter, crude protein, crude fiber, total digestible nutrients (TDN) consumption, average daily gain (ADG) and body condition score (BCS) were measured. The data were analyzed by analysis of variance using completely randomized design, the differences of mean treatment were analysed by Duncan's multiple range test. Results of experiment showed significantly differences for RI, RII and RII, consecutively on dry matter consumption (99.89, 112.71, 120.11 g/Kg  $W^{0.75}$ ), organic matter (84.24, 92.68, 99.33 g/Kg  $W^{0.75}$ ), crude protein (7.49, 9.29, 9.98 g/kg  $W^{0.75}$ ), TDN (42.82, 48.27, 51.44 g/Kg  $W^{0.75}$ ), respectively but showed no significantly differences on crude fiber consumption (24.73, 25.18, 26.23 g/Kg  $W^{0.75}$ ), ADG (0,20 kg/day, 0,24 kg/day, 0,34 kg/day) and BCS (4, 2.33, 4), respectively. It could be concluded that UMMB supplementation can't increase the body weight and body condition score.

Key : Cattle, UMMB, Feed Consumption, Body Weight