

**EVALUASI KINERJA SAPI PERANAKAN ONGOLE JANTAN YANG  
DISUPLEMENTASI TEPUNG GAPLEK DITINJAU DARI PEMENUHAN  
NUTRIEN TERGERNA DI KELOMPOK TERNAK SEDYO RUKUN**

**SETYAWAN**

**98/122362/PT/3671**

**INTISARI**

Penelitian ini bertujuan untuk mengevaluasi kinerja sapi PO jantan yang disuplementasi tepung gaplek ditinjau dari pemenuhan nutrien tercerna di kelompok ternak Sedyo Rukun. Penelitian ini menggunakan delapan ekor sapi PO jantan berumur sekitar 1,5 sampai 2 tahun dengan bobot badan awal antara 286 sampai 340kg. Sapi dibagi secara acak menjadi dua kelompok. Sebagai kontrol (Po) tanpa disuplementasi tepung gaplek sedangkan perlakuan (PI) disuplementasi tepung gaplek. Pakan yang diberikan sama yaitu hijauan dan konsentrat dengan perbandingan 70% dan 30%. Tepung gaplek diberikan sebanyak 0,5 kg/ekor/hari. Penelitian ini dilakukan selama 20 hari, terdiri atas 10 hari periode adaptasi dan 10 hari periode koleksi. Variabel yang diamati meliputi : konsumsi bahan kering (BK), bahan organik (BO), protein kasar (PK), pencernaan BK, BO, PK, konsumsi bahan organik tercerna (BOT), konsumsi protein tercerna (PT), dan pertambahan bobot badan harian (PBBH). Hasil yang diperoleh diuji dengan uji t. Hasil penelitian menunjukkan perbedaan yang tidak nyata antara Po dan PI dalam konsumsi BK ( $80,34 \pm 3,40$  vs  $82,32 \pm 8,86$ )g/kg BBM, BO ( $66,63 \pm 2,74$  vs  $68,90 \pm 7,42$ )g/kg BBM, PK ( $7,34 \pm 0,47$  vs  $7,49 \pm 0,47$ )g/kg BBM, pencernaan BK ( $53,84 \pm 6,45$  vs  $59,15 \pm 3,41$ )%, pencernaan BO ( $62,00 \pm 6,06$  vs  $65,70 \pm 1,91$ )%, pencernaan PK ( $52,32 \pm 9,8$  vs  $57,52 \pm 2,95$ )%, konsumsi BOT ( $41,48 \pm 5,35$  vs  $45,92 \pm 5,34$ )g/kg BBM, konsumsi PT ( $3,88 \pm 0,93$  vs  $4,33 \pm 0,26$ )g/kg BBM, dan PBBH ( $0,51 \pm 0,13$  vs  $0,52 \pm 0,14$ )kg/ekor. Disimpulkan bahwa suplementasi tepung gaplek pada sapi PO jantan di Kelompok Ternak Sedyo Rukun belum mampu meningkatkan kinerjanya ditinjau dari nutrien tercerna (BOT dan PT) dan pertambahan bobot badan hariannya.

(Kata kunci : Kinerja, Sapi Peranakan Ongole Jantan, Suplementasi Tepung Gaplek, Nutrien Tercerna)

**THE PERFORMANCE EVALUATION OF MALE ONGOLE CROSSBREED  
CATTLE SUPPLEMENTED WITH CASSAVA POWDER OBSERVED FROM  
DIGESTIBLE NUTRIENTS FULFILLMENT AT SEDYO RUKUN CATTLE  
GROUP**

**SETYAWAN  
98/122362/PT/3671**

**Abstract**

The research was conducted to evaluate the performance of male Ongole Crossbred cattle supplemented with cassava powder observed from digestible nutrients fulfillment. Eight heads of male Ongole Crossbred cattle about 1,5 to 2 years old with initial body weight 286 upto 340kg were used in the research. Cattle were randomly divided into two groups. The first group as control (Po) were fed without cassava supplementation and the second (PI) were given cassava. The same fed was given consists of forages and concentrate with ratio 70% and 30%. Cassava was given 0,5 kg/head/day. The research was done for 20 days, consist of 10 days adaptation period and 10 days collection period. The parameters were dry matter (DM) intake, organic matter (OM) intake, crude protein (CP) intake, DM digestibility, OM digestibility, CP digestibility, digestible organic matter (DOM) intake, digestible protein (DP) intake, and average daily gain (ADG). The data were analyzed by t test. There were no significant differences between Po and PI on DM intake (80,34±3,40 vs 82,32±8,86)g/kg BBM, OM intake (66,63±12,74 vs 68,90±7,42)g/kg BBM, CP intake (7,34±0,47 vs 7,49±0,47)g/kg BBM, DM digestibility (53,84±6,45 vs 59,15±3,41)%, OM digestibility (62,00±6,06 vs 65,70±1,91)%, CP digestibility (52,32±9,8 vs 57,52±2,95)%, DOM intake (41,48±5,35 vs 45,92±5,34)g/kg BBM, DP intake (3,88±0,93 vs 4,33±0,26) g/kg BBM, and ADG (0,51±0,13 vs 0,52±0,14)kg/ekor. It was concluded that cassava powder supplementation didn't affect the performance of male Ongole Crossbred cattle observed from digestible nutrients (DOM and DP) and average daily gain.

(Key word : Performance, Male Ongole Crossbred Cattle, Cassava Powder Supplementation, Digestible Nutrients)