

**PENGARUH PEMBERIAN PAKAN JERAMI PADI FERMENTASI ATAU RUMPUT GAJAH SEBAGAI PAKAN BASAL TERHADAP PERTAMBAHAN BERAT BADAN DOMBA JANTAN LOKAL**

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**INTISARI**

Penelitian ini bertujuan untuk mengetahui pertambahan berat badan harian (*Average Daily Gain/ADG*) domba jantan lokal yang diberi pakan basal jerami padi fermentasi. Enam domba jantan lokal yang dibagi menjadi dua kelompok perlakuan. Kelompok pertama diberi pakan rumput gajah (*Pennisetum purpureum*) dan konsentrat (50,50:49,50), kelompok kedua diberi pakan jerami padi fermentasi dan konsentrat (31,85:68,15). Formulasi ransum berdasarkan iso protein (14,5%) dan iso TDN (60%). Pemberian pakan pada domba berdasarkan konsumsi bahan kering 4% dari berat badan. Data yang diambil meliputi konsumsi bahan kering (BK), konsumsi protein kasar (PK), konsumsi TDN, ADG, dan konversi pakan. Hasil analisis statistik dengan metode *t-test* pada perlakuan I dan perlakuan II berbeda nyata ( $P < 0,05$ ) pada konsumsi BK (69,35g/kgBBM vs 80,84g/kgBBM), konsumsi PK (9,70g/kgBBM vs 11,67g/kgBBM), konsumsi TDN (40,16g/kgBBM vs 45,60g/kgBBM), tetapi menunjukkan nilai yang tidak nyata ( $P > 0,05$ ) pada ADG (76,19g vs 97,62g) dan konversi pakan (11,56 vs 9,55). Kesimpulan penelitian ini adalah penggunaan jerami padi fermentasi dapat digunakan sebagai pakan basal domba jantan lokal dengan pembuatan *complete feed*)

(Kata Kunci: Domba Jantan, Jerami Padi Fermentasi, Rumput Gajah (*Pennisetum purpureum*), ADG)

**EFFECT OF FERMENTED RICE STRAW OR ELEPHANT GRASS AS  
BASAL DIET ON LIVEWEIGHT GAIN OF LOCAL MALE SHEEP**

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**ABSTRACT**

An experiment is conducted to investigate average daily gain (ADG) of local male sheep that fed fermented rice straw as basal diet. Six local male sheep were placed into two treatments, each group consisted of three animals. First group was fed Elephant Grass (*Pennisetum purpureum*) and concentrate (50,50:49,50) and the second group was fed fermented rice straw and concentrate (31,85:68,15). Diet was made as iso protein (14,5%) and iso TDN (60%). Sheep were fed at the amount of 4% liveweight. Dry matter consumption, crude protein consumption, TDN consumption, ADG and feed conversion were measured. The collected were analyzed by t-test. Results of the experiment showed different significantly ( $P < 0,05$ ) on dry matter consumption ( $69,35g/W^{0,75}$  vs  $80,84g/W^{0,75}$ ), crude protein consumption ( $9,70g/W^{0,75}$  vs  $11,67g/W^{0,75}$ ), TDN consumption ( $40,16g/W^{0,75}$  vs  $45,60g/W^{0,75}$ ) but showed no different significantly ( $P > 0,05$ ) on ADG (76,19g vs 97,62g) and feed conversion (11,56 vs 9,55). It can be concluded that supplement fermented rice straw can be use as basal diet for local male sheep

(Key word: Local Male Sheep, Fermented Rice Straw, Elephant Grass (*Pennisetum purpureum*), ADG)