



**KINERJA SAPI PERANAKAN ONGOLE JANTAN YANG
DISUPLEMENTASI BIOPLUS**

MEI HASTUTI
97/115046/PT/03467

INTISARI

Penelitian ini bertujuan untuk mengetahui kinerja sapi Peranakan Ongole (PO) jantan yang disuplementasi bioplus. Penelitian menggunakan enam ekor sapi PO jantan berumur antara 1,5 sampai 2 tahun dengan bobot badan awal berkisar antara 256 kg sampai dengan 295 kg. Sapi dibagi secara acak menjadi dua kelompok perlakuan. Kelompok I tanpa disuplementasi bioplus sebagai kontrol dengan rata-rata bobot badan awal $266,67 \pm 6,24$ kg dan kelompok II disuplementasi bioplus dengan rata-rata bobot badan awal $278 \pm 17,72$ kg. Pakan yang diberikan sama yaitu 3% BK berdasarkan bobot badan ternak, terdiri dari 30% rumput raja dan 70% konsentrat. Pemberian pakan dilakukan dua kali/sehari, pagi dan sore hari. Bioplus diberikan sebanyak 200 g/ekor pada awal penelitian dengan cara dicampurkan dengan konsentrat. Air minum diberikan secara *ad libitum*. Penimbangan ternak dilakukan setiap dua minggu sekali. Parameter yang diamati meliputi konsumsi bahan kering (BK), protein kasar (PK), dan *total digestible nutrients* (TDN) serta pertambahan bobot badan harian ternak. Hasil yang diperoleh dianalisa statistik dengan menggunakan uji T. Analisis statistik menunjukkan bahwa tidak ada perbedaan yang nyata antara kelompok I dan kelompok II dalam hal konsumsi BK (122,96 g/kg BBM vs 111,29 g/kg BBM), PK (12,80 g/kg BBM vs 11,10 g/kg BBM), TDN (79,75 g/kg BBM vs 71,55 g/kg BBM), serta pertambahan bobot badan harian ternak ($0,77 \pm 0,31$ kg vs $0,65 \pm 0,17$ kg). Disimpulkan bahwa kinerja sapi PO jantan tidak dipengaruhi oleh suplementasi bioplus.

(Kata kunci: Sapi Peranakan Ongole Jantan, Kinerja, Bioplus)



**PERFORMANCE OF MALE ONGOLE CROSSBRED CATTLE
SUPPLEMENTED WITH BIOPLUS**

MEI HASTUTI

97/115046/PT/03467

ABSTRACT

The research was conducted to determine performance of male Ongole Crossbred Cattle supplemented with bioplus. Six male Ongole Crossbred Cattle about 2 years old, at 256 - 295 kg initial body weight were divided randomly into two groups. The first group were fed without bioplus supplementation as control with initial body weight $266,67 \pm 6,24$ kg and the second group were given bioplus with initial body weight $278 \pm 17,72$ kg. The same feed was given as much as 3% dry matter of body weight that consist of 30 % king grass and 70 % concentrat^A. The feed was given twice a day, morning and afternoon. Bioplus was given 200 g/head at the bigining of the research. Water was given *ad libitum*. The feed measured every day and the body weight measured every two weeks. Performance parameters of the study were : dry matter intake, crude protein intake, energy intake and daily gain weight. The datas were analyzed by T-test. There were no significant differences between two groups (group I vs group II) for consumption of : dry matter (122,96 g/kg MBW vs 111,29 g/kg MBW), crude protein (12,80 g/kg MBW vs 11,10 g/kg MBW), energy (79,75 g/kg MBW vs 71,55 g/kg MBW), and average daily gain ($0,77 \pm 0,31$ kg vs $0,65 \pm 0,17$ kg). It's concluded that performance of male Ongole Crossbred Cattle were not affected by bioplus supplementation.

(key words : Male Ongole Crossbred Cattle, Performance, Bioplus)