

## **KINERJA PERTUMBUHAN PEDET PERANAKAN ONGOLE DAN SILANGAN SIMMENTAL-PERANAKAN ONGOLE PASCA SAPIH DENGAN PAKAN RUMPUT DAN KONSENTRAT**

Desty Sulistyowati  
17/409746/PT/07335

### **INTISARI**

Kinerja Pertumbuhan pada pedet pasca sapih merupakan periode penting yang perlu diperhatikan. Parameter yang dapat diketahui yaitu pertambahan ukuran tubuh dan pertambahan bobot badan harian. Salah satu faktor yang dapat mempengaruhi kinerja pertumbuhan yaitu bangsa dan jenis kelamin. Penelitian ini bertujuan untuk mengkaji kinerja pertumbuhan pedet Peranakan Ongole (PO) dan silangan Simmental-Peranakan Ongole (SimPO) pasca sapih dengan pakan rumput dan konsentrat. Sebelas ekor pedet pasca sapih terdiri dari empat pedet SimPO (dua jantan, dua betina) berat awal  $149 \pm 36$  kg, dan tujuh pedet PO (empat betina, tiga jantan) berat awal  $151 \pm 36$  kg, umur 5 hingga 9 bulan, dipelihara secara intensif dalam kandang dengan pakan dasar rumput ditambahkan 3 kg ekor/hari. Lokasi Penelitian di kelompok ternak daerah Sleman (Sayegan dan Mlati) dan kandang UPT FAPET UGM selama 6 bulan. Variabel yang dicatat meliputi konsumsi pakan, pertambahan bobot badan harian, pertambahan ukuran tubuh, konversi dan efisiensi pakan. Data dianalisis menggunakan analisis ancova (bobot awal dan ukuran awal sebagai kovariabel) pada PBBH dan pertambahan ukuran tubuh, dan menggunakan analisis two-way anova pola faktorial 2x2 pada konsumsi pakan, konversi dan efisiensi pakan, dianalisis dengan bantuan program SPSS. Hasil penelitian menunjukkan bahwa konsumsi pakan, pertambahan bobot badan harian, pertambahan ukuran tubuh dan konversi pakan pedet PO dan SimPO jantan dan betina beserta interaksinya tidak menunjukkan adanya pengaruh. Disimpulkan bahwa pada pedet pasca sapih PO dan SimPO dan jenis kelamin jantan dan betina dengan pakan rumput dan konsentrat tidak berpengaruh nyata terhadap kinerja pertumbuhan.

Kata kunci : Kinerja Pertumbuhan, Pasca sapih, Peranakan Ongole, Simmental Peranakan Ongole, Konsentrat.

## **THE POST-WEANING GROWTH PERFORMANCE OF ONGOLE GRADE AND SIMMENTAL-CROSSBREED WITH GRASS AND CONCENTRATE FEED**

Desty Sulistyowati  
17/409746/PT/07335

### **ABSTRACT**

Growth performance of post-weaning calves is an important period that needs attention. Variabel that can be known are avarage daily gain and and increace body size. The factors that can affect growth performance is breed and sex. This aim of this study was to observe post-weaning growth performance of Ongole Grade (OG) and Simmental-Crossbreed (SOC) with supplementation concentrate as additional feed as basal diet. Eleven post-weaning calves consisted of four SOC calves (two males, two females) initial weight  $149\pm 36$  kg, and seven OG calves (four females, three males) initial weight  $151\pm 36$  kg, aged 5 to 9 months, intensively kept in cages. with grass-based feed supplemented with 3 kg head/day. The location of the study was in the herd of livestock in the areas of Sleman (Sayegan and Mlati) and UPT FAPET UGM for 6 months. Variable observed including feed consumption of cows as well as avarage daily gain and feed conversion. Measurements are carried out once a month for six months. The data obtained were analysed using ancova (initial weight and size as covariable) in ADG and body size gain, and using analysed the factorial test 2x2 (breed and sex factor) in consumptions, feed conversion and efficiency with it was done using SPSS program. The results showed that the consumptions, ADG, body size gain and feed conversion and efficiency post-weaning OG and SOC on male and female and their interactions did not show effect. It was concluded that post-weaning calves PO and SimPO with female and male sex with grass and concentrate feed had no significant effect on growth performance.

Key words : Growth Performance, Post-weaning, Ongole grade, Simmental-crossbreed, Concentrate.