

PRODUKSI KARKAS DAN NON KARKAS KELINCI REX JANTAN PADA BERBAGAI UMUR PEMOTONGAN

Anggita Tiara Sandi
13/346198/PT/06434

INTISARI

Penelitian ini bertujuan untuk mengetahui produksi karkas dan non karkas kelinci Rex jantan pada umur pemotongan yang berbeda. Penelitian menggunakan 18 ekor kelinci Rex jantan berumur 1 bulan yang dibagi dalam 3 kelompok umur pemotongan yaitu 4, 5, dan 6 bulan. Kelinci dipelihara di dalam kandang individu berukuran 90x60x60 cm³. Kelinci diberi konsentrat komersial secara *ad libitum* pada pukul 08.00-17.00 WIB dan jerami kacang tanah secara *ad libitum* pada pukul 17.00-08.00 WIB. Kelinci dipotong setelah mencapai umur potong sesuai kelompoknya. Penyembelihan dilakukan dengan memotong *arteri carotis*, *vena jugularis*, *trachea*, dan *oesophagus* kemudian dilanjutkan dengan pemisahan bagian karkas dan non karkas. Data yang diperoleh dianalisis menggunakan analisis variansi pola searah. Khusus untuk pertambahan bobot badan harian dianalisis menggunakan analisis kovariansi dengan bobot awal sebagai kovariat. Apabila terdapat perbedaan, dilanjutkan dengan uji *Least Significant Different*. Bobot potong, persentase karkas, dan *Meat Bone Ratio* (MBR) pada umur pemotongan 4, 5, dan 6 bulan berturut-turut masing-masing adalah 1.630,00±155,05; 2.075,00±74,76; dan 2.123,33±134,41 g, 45,43±1,70; 49,16±2,15; dan 48,72±3,02%, dan 2,73±0,83; 3,10±0,63; dan 4,02±0,52. Bobot Potong dan MBR pada umur pemotongan 6 bulan lebih tinggi ($P<0,05$) daripada umur 4 dan 5 bulan, tetapi persentase karkas pada umur pemotongan 5 bulan lebih tinggi ($P<0,05$) daripada umur 4 dan 6 bulan. Persentase komponen non karkas pada umur pemotongan 4, 5, dan 6 bulan berturut-turut 36,24±1,90; 35,16±0,92; dan 35,21±1,45. Persentase komponen non karkas pada umur pemotongan 4 bulan lebih tinggi ($P<0,05$) daripada umur 5 dan 6 bulan. Disimpulkan bahwa peningkatan umur pemotongan, dari 4 sampai 6 bulan meningkatkan persentase karkas dan MBR serta menurunkan persentase non karkas.

(Kata kunci : Kelinci Rex, Umur potong, Karkas, Non karkas)

CARCASS AND NON CARCASS PRODUCTION OF MALE REX RABBITS AT DIFFERENT SLAUGHTER AGE

Anggita Tiara Sandi
13/346198/PT/06434

ABSTRACT

This study was conducted to observe the carcass and non carcass production of male *Rex* rabbits at different slaughter age. Eighteen heads of one month old male *Rex* rabbits were used in this study. Animals divided into three groups of slaughter age, i.e 4, 5, and 6 months. They were individually raised in the 90x60x60 cm³ of cage. They were freely fed with commercial concentrate at 8 a.m. until 5 p.m. and peanut straw at 5 p.m. until 8 a.m. They were slaughtered when they reached their slaughter age according to their group. The slaughtering was done by cutting the carotid artery, jugular vein, trachea, and oesophagus then, it was continued with carcass and non carcass cutting. The data collected were analyzed by one way analysis of variance. In exception, average daily gain was analyzed by one way analysis of covariance with initial weight as covariate. The analysis continued with Least Significant Different test. The final weight, percentage of carcass, and *Meat Bone Ratio* (MBR) of male *Rex* rabbits at 4, 5, and 6 months of slaughter age were 1,630.00±155.05; 2,075.00±74.76; and 2,123.33±134.41 g, 45.43±1.70; 49.16±2.15; and 48.72±3.02%, and 2.73±0.83; 3.10±0.63; and 4.02±0.52, respectively. The final weight and MBR of male *Rex* rabbits at 6 months of slaughter age were higher ($P<0.05$) than at 4 and 5 months, but the percentage of carcass at 5 months of slaughter age were higher ($P<0.05$) than at 4 and 6 months. The percentage of non carcass component at 4, 5, and 6 months of slaughter age were 36.24±1.90, 35.16±0.92, dan 35.21±1.45, respectively. The percentage of non carcass component at 4 months of slaughter age were higher ($P<0.05$) than at 5 and 6 months. It is concluded that the increasing of slaughter age from 4 to 6 months increases the carcass percentage and MBR, and also decreases non carcass percentage.

(Key Word : *Rex* rabbit, Slaughter age, Carcass, Non carcass)