

GROWTH AND CARCASS CHARACTERISTICS IN KIDS FROM CREOLE AND F₁ CREOLE X BOER GENOTYPES

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ABSTRACTS

The objective of this study was to evaluate growth and carcass characteristics in kids from different genotypes and diets. Sixteen kids from two genotypes, Creole (C) and F1 Creole x Boer (CB), were assigned randomly to two dietary treatments (4 kids/treatment) in a completely randomized design. Diet I (DI): maternal milk supplemented with pastures and Diet II (DII): maternal milk supplemented with commercial calf starter. Kids were slaughtered at 60 days of age. There were significant interaction ($p < 0,05$) between genotypes and diets treatments: slaughter weight was superior in kids CB+DII (13,72 kg), had intermediate values in CB+DI (11,56 kg) and in C+DII (11,46 kg), and the lowest values was for C+DI (10,13 kg). Hot carcass weight showed significant differences ($p < 0,05$) between the four groups analysed: CB+DII: 7,35 kg; CB+DI: 5,85 kg; C+DII: 5,43 kg and C+DI: 4,68 kg. Interactions were also observed in: total gain weight, shoulder and leg weight and shoulder muscle content. Dressing percentage was significantly higher ($p < 0,05$) for genotype CB (52,13%) than for C (46,81%) and for DII (50,50%) than for DI (48,45%). Ribs, neck, flank weight and shoulder bone content were significantly higher in kids CB and in DII. Carcass measurements and conformational indices were better in CB genotype and in DII. These results reflect that with both diet treatments the crossbreeding with Boer was improved growth and carcass characteristics.

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