

THE EFFECTS OF SUPPLEMENTARY FEEDING OF LAMBS GRAZING ON GROWTH RATE AND CARCASS CHARACTERISTICS

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Abstract

This study aimed to establish optimal strategies to supplement the diet of fattening lambs on pasture exposed. Ration supplementation on pasture fattening lambs exposed, concentrated (PC), concentrates and hay (PCF) and respectively concentrated, hay and saponified fat (PCFG) led to significant improvement ($p < 0.05$) of major bioperformance materialized in growth final body weight up to 11.40 kg respectively in weight gain up to 67.8%. Positive effects of energy from the food supplement and changes in their rumen fermentation processes were reflected and browned on the indices but also the quality slaughterhouse carcasses. The highest yield at slaughter (53.82%) was achieved by lambs PCFG, due to better muscle development and also deposit a larger amount of internal fat and superficial. The lowest ratio meat/bones, considered the main commercial part of the casing cut (jigou, shoulder and loin) and the whole carcasses were recorded in the control group, leading to improved dietary supplementation of this report interests ranged 5.33 - 8.42%.

Key words: lambs, feeding system, pasture, protected fats

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