Carcass characteristics of Saidi rams fed mannan oligosaccharide supplemented diet.

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Abstract:

Eighteen Saidi rams were used in this trial to study the impact of additive mannan oligosaccharide (MOS;activeMOS®) on some of carcass characteristics. MOS are commercially available as BioMos®, which is a nutritional supplement manufactured by MOS ® Matrix nutrition, LLC, USA was used in this experiment. Animals were randomly divided into three equal groups. The initial average live body weight values were 24.00, 24.08 and 24.17 kg for groups 1, 2, and 3 respectively. The first group did not receive MOS and served as a control group, while the second and third groups were supplemented with 2 and 4 g/ kg diet MOS and served as a MOS1 and MOS2 groups, respectively. Both experimental groups were fed roughage and concentrate diets ad libitum during this study. At the end of the experimental period, lasted for 6 months, final average body weight values were 44.17, 48.50 and 45.83, respectively. Five animals from experimental groups were slaughtered. The data revealed that supplementation of dietary MOS in the diet of siadi rams increased hot carcass weight, dressing percentage, right (P

Keywords:

Carcass characteristics , mannan oligosaccharides, Saidi rams.

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