

CONSTRUINDO SABERES, FORMANDO PESSOAS E TRANSFORMANDO A PRODUÇÃO ANIMAL

**ANIMAL PERFORMANCE OF ABERDEEN ANGUS STEERS FED WITH DIET
CONTAINING ADDITIVE BASED ON VEGETABLE OILS AND YEAST**

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Abstract: The present study aimed to evaluate the animal performance of Aberdeen Angus steers fed with diet containing 50 g/animal of additive based on vegetable oils and yeasts. The experimental design was the completely randomized with two treatments (diets with or without additive) and 12 replicates. Twenty-four steers with initial body weight of 423.65 kg and initial age of 18 months were used. Prior to the experimental period (59 days), the animals were adapted to diets and facilities for 17 days. The supply of diets was *ad libitum*. The content of corn silage of diets was of 17%. The animals were slaughtered with 487.24 kg of body weight. The dry matter intake (g/kg body weight), daily body weight and feed efficiency were evaluated. The dry matter intake, average daily gain, feed efficiency and final body weight were not altered by the inclusion of the vegetable oil and yeast additive in the diet. The inclusion of 50g/animal of additives based on vegetable oils and yeasts in diets did not alter the animal performance in feedlot of Aberdeen Angus steers fed diets with high concentrate content.

Keywords: average daily gain, feed conversion, final body weight

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