Effect of dietary concentrate to roughage ratio on nutrient digestibility, rumen fermentation, growth performance and serum acute phase protein in growing buffalo calves.

Abdel Raheem Sh. M., E. H. Hassan and M. M. Farghaly

Abstract:

SUMMARY This study was accomplished to designed to assess the appropriate concentrate: roughage ratio (C:R) ratio for better nutrient digestibility, rumen fermentation patterns, healthy and economic beef production in Egyptian buffalo calves. Sixteen buffalo calves aged about 18-20 months of 292.5±4.7 kg average body weight were randomly assigned into four groups of 4 animal each. The treatment diets were composed of four concentrate: roughage (C:R) ratios (80:20, A; 75:25, B; 60:40, C; 55:45, D). The results revealed that increasing in the proportion of concentrate in the diet significantly (p

Keywords:

Keywords: concentrate, roughage, ratio, performance, subacute, ruminal acidosis

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