

RESEARCH ARTICLE.....

Effect of different concentrates on growth performance of crossbred calves

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ABSTRACT..... The present study on effect of different concentrates on growth performance of crossbred calves was conducted for period of 90 day. Fifteen crossbred calves were divided into three groups on the basis of nearness to the age and body weight. Three feeding treatment were studies namely T₁ Dry fodder (Soybean straw) + Green fodder (Hybrid napier) + Readymade concentrate (Sugras) mixture, T₂ Dry fodder (Soybean straw) + Green fodder (Hybrid napier) and Homemade concentrate-I mixture and T₃ Dry fodder (Soybean straw) + Green fodder (Hybrid Napier) + Homemade concentrate-II, dry fodder, green fodder and concentrate quantities was calculated as per feeding standard and provided to the crossbred calves in all treatments. Daily DMI differed significantly between the treatments. The calves from T₂ groups need more DM than that of T₃, and T₁ groups. The average daily intake was 2.32, 2.59 and 2.47 kg/day/calves in T₁, T₂ and T₃ groups, respectively. Higher intake of DM per 100 kg body weight was noticed in treatment T₂ and lowest in T₁ and T₃. All the crossbred calves exhibited satisfactory growth rate 324 to 456 (g) per day and differences were significant. The per kg of body weight gain was higher in T₂ (0.456 g.) followed by T₃ (0.431 g.) and T₁ (0.324 g.) treatments.

KEY WORDS..... Readymade concentrate, Homemade concentrate, Crossbred calves, Dry matter, Body weight

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