

EVALUATION OF DRY MATTER INTAKE AND BODY WEIGHT GAIN IN GOATS BY LEAST COST FEED FORMULATIONS WITH REPLACEMENT OF GROUNDNUT CAKE BY SAFFLOWER CAKE AND BANANA WASTE WITH 20% MOLASSES

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ABSTRACT

Sixteen (16) goats were grouped into four groups of four goats each viz., Control (T1) with ground nut cake (GNC), T2 (GNC replaced by safflower cake/SFC), T3 (banana waste) and T4 (banana waste with 20% molasses). The feed intake ($\text{g/kg W}^{0.75}$) were 63.21 ± 2.1^a , 59.54 ± 3.9^b , 30.00 ± 1.4^c , and 70 ± 1.42^d and ($P \leq 0.05$); T1, T2, T3 and T4 groups respectively indicating that feed intake reduced drastically upon replacement of groundnut cake with SFC and further and banana waste and feed intake raised suddenly when banana waste given with 20% of molasses. Economics shown T4 group was most economical.

KEYWORDS: Goat, Safflower, Banana Waste, Molasses