

Preparation of nutritious and conservable cattle feed block using agricultural wastes

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Scarcity of high quality feed ingredients is one of the major constraints in Sri Lanka's dairy industry and the study was conducted to prepare a nutritious, conservable and cost effective cattle feed block. Four nutritional diverse feed blocks (B1, B2, B3 and B4) were prepared incorporating agricultural wastes. Five treatments; 1 (only fresh C-3 grass), 2, 3, 4 and 5 (each with 5 kg fresh C-3 + B1, B2, B3 and B4 respectively) were tested in a farm trial using Friesian, Jersey and Sahiwal cross breeders. Daily feed intake and live weight gain of each animal were measured. Data were analyzed using one-way Analysis of Variance (ANOVA). Although the feed blocks, B3 was prepared with 65% partially straw, 10% rice bran, 10% coconut pith, 10% molasses, 2% urea, 2% D0.