



RESEARCH ARTICLE.....

Effect of feeding of urea ammoniated soybean straw on intake and digestibility of nutrients in lactating cows

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ABSTRACT..... Feeding of untreated (T_2) and 2 per cent urea treated SBS (T_3) was evaluated on feed intake and digestibility in lactating cows in reference to conventional jowar straw diet (T_1). Leguminous SBS emerged out as alternative non-conventional roughage to replace cereal straws. The data obtained from present investigation revealed that SBS possesses higher feeding value, containing 6.8 per cent CP, of which 59 per cent is digestible. Leguminous SBS emerged out as alternative non-conventional roughage to replace cereal straws. Enrichment with 2 per cent urea treatment can increase CP content by 42 per cent (9.67%) over untreated SBS. Enrichment with urea increases the palatability and acceptability of SBS in cows, there by more consumption of straw by 42 per cent in reference to untreated straw. Urea treated straw based ration contained 6.28 per cent DCP and 55.12 per cent TDN against a content of 5.68 and 53.05 per cent in untreated SBS diet, respectively. Therefore, the results do suggest that 2 per cent urea treated SBS can find a place in the ration of lactating cows without any adverse effect on performance of cows.

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