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RESEARCH NOTE.....

## Effect of untreated and urea treated soybean straw on feeding value in lactating cows

R.R. SHELKE, S.D. CHAVAN AND P.A. KAHATE

**ABSTRACT.....** Present investigation was conducted to utilize urea treated non-conventional SBS as protein source roughage in the ration of lactating cows to find out its feeding value in respect to intake and digestibility of nutrients, milk yield and quality of milk, blood metabolic profile, feed conversion efficiency and economics. 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. The results also points out that cow having up to 300kg body weight and producing 5 kg milk/day can be reared and can maintain a growth rate of 0.65 per cent in milk yield per week on urea treated SBS with one kg concentrates and little support of greens.

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**KEY WORDS.....** Conventional Jowar straw, Untreated soybean straw, 2 per cent urea treated soybean straw, DCP, TDN, DMI, Water intake, Feed conversion efficiency, Milk yield, \$ per cent FCM, Blood metabolic profile

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