



Comparative studies of *Jowar* and soybean straw feeding in Sahiwal cows

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ABSTRACT : The study entitled “Comparative studies of *Jowar* and soybean straw feeding in Sahiwal cows” was conducted for period of 95 day. Six sahiwal cows were divided into three groups on the nearness of age and weight. Three feeding treatment were studied namely T₁ (*Jowar* straw adlib + 5 kg Green Hy. napier + 1kg concentrate), T₂ (50% *Jowar* straw adlib + 50% Soybean straw adlib + 5 kg Green Hy.Napier +0.750 kg concentrate), T₃ (Soybean straw adlib + 5 kg Green Hy.Napier + 0.500 kg concentrate) was fulfil requirement of sahiwal cow in all treatments. Experimental feeding lasted 95 days including 7 days gap for reducing residual effect before starting second and third period. An attempt was made to study the effect of Feeding of *jowar* straw in combination with soybean straw on feed intake, dry matter intake of Sahiwal. The DMI intake and body weight gain during the experiment period were found significantly superior in T₂ treatment over T₁ and T₃.

KEY WORDS : *Jowar* straw, Soybean straw, Concentrate, Sahiwal cows

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