



Feeding of *Jowar* straw in combination with soybean straw on the growth performance of Sahiwal Heifers

Minakshi S. Mahalle, S.D. Chavan and N.S. Mawal

ABSTRACT : Experiment was designed to improve the utilization of soybean straw by simple physical mixing of conventional feed *Jowar* straw with soybean straw. The six Sahiwal heifers were selected on the basis of nearness to age and body weight and these were exposed to three different treatments in each 2 heifers. Three feeding treatment were studied namely T₁ - *Jowar* straw (Ad.lib) +3kg green fodder+1kg concentrate, T₂ - 50% *Jowar* straw +50% soybean straws + 3kg green fodder +0.750kg concentrate, T₃ -soybean straw (Ad lib) +3kg green fodder +0.500kg concentrate (Dry green and concentrate feeding will be provided on the basis of DCP and TDN required as per feeding standard). Total experiment period was of 95 days in switch over design with a period of 27 days per 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 heifers. 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 heifers

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Address for correspondence :

Minakshi S. Mahalle, Department of Animal Husbandry and Dairy Science, Post Graduate Institute, Dr. Panjabrao Deshmukh Krishi Vidyapeeth, Akola (M.S.) India

Email : minakshimahalle2015@gmail.com

Associated Authors' :

S.D. Chavan and N.S. Mawal, Department of Animal Husbandry and Dairy Science, Post Graduate Institute, Dr. Panjabrao Deshmukh Krishi Vidyapeeth, Akola (M.S.) India
