

ENERGY AND PROTEIN REQUIREMENTS FOR PREGNANCY OF JAUNPURI GOAT

D.V. Singh¹, S.P. Srivastava¹, Manoj Kumar¹ and C.S. Chaubey²

Received September 11, 2010 and Accepted January 17, 2011

ABSTRACT : Proper feeding of pregnant goat is more important than feeding of another farm animals. For this purpose three sets of metabolic trials were conducted on healthy pregnant goats having more than 3 months of pregnancy. A Jaunpuri goat required $74.43\text{g}/\text{W}_{\text{kg}}^{0.75}$ DM/Day during pregnancy. Pregnant Jaunpuri goat required 211.23Kcal. DE and 5.28g DP/ $\text{W}_{\text{kg}}^{0.75}/\text{d}$. Goats having high body weight required comparatively more amount of DE and DP as compared to the goats having low body weight for maintenance and pregnancy.

Key Words: Energy and protein, pregnancy, Jaunpuri goat.