

## **Effect of Feeding Chayote (*Sechium edule*) and Bottle Gourd (*Lagenaria siceraria*) as Source of Fiber on Biological Utilization of Diet in Rats**

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**ABSTRACT** Isoprotienous diets containing 1.5% and 2.5% fibre derived from two vegetables viz, bottle gourd and chayote were fed to rats for 40 days. Effect of incorporation of these vegetables on feed intake, weight gain, feed efficiency, ratio protein efficiency ratio, true protein digestibility, dry matter digestibility, net protein utilization and biological value were studied. The inclusion effected all above mentioned parameters and resulted in the decrease in the value of these parameters. Increase in fiber in the diet affects the biological value of dies.

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