

EFFECT OF DIFFERENT ENERGY SOURCES ON INTAKE AND WEIGHT GAIN OF WHITE FULANI CATTLE

JOKTHAN G. E

National Open University of Nigeria, Lagos, Nigeria

ABSTRACT

A study was conducted to determine the effect of inclusion of Maize offal, Wheat offal, Rice offal and Sorghum panicle as energy sources in the fattening diet of cattle. Twenty White Fulani bulls of average weight of 225kg were used. A Completely Randomizes Design was used and five bulls were allotted to treatment. The result showed that bulls on the Wheat offal and Maize offal treatments had significantly ($p<.05$) higher intake of the concentrate while the intake of the basal *Bracharia* hay was similar across all treatments. Total feed intake was however significantly ($p<0.05$) higher in bulls fed the Wheat offal based diet. Average daily Weight Gain has significantly ($p<0.05$) high in the Wheat based bulls. It was concluded that Smallholder cattle farmers can adopt the use of the Maize offal and wheat offal based diets in fattening rations.

KEYWORDS: Energy, Intake, Weight Gain, CattleP