

Effect of effective microorganism, enzymes and yeast on performance of growing rabbits when fed with a low cost ration and broiler finisher

A study was carried out to determine the effect of effective micro-organism (EM), yeast and enzymes (Roxazme and Alzyme FD) on performance on rabbits when fed with a low cost ration (mainly based on rice bran, maize meal and poultry by product meal) or a broiler finisher ration. Low cost ration (T1) or the broiler finisher ration (T2) was fed alone or in combination with EM, yeast and enzymes. Thus forming 8 rations (T1+EM=T3, T1+yeast=T4, T1+enzymes=T5, T2+EM=T6, T2+yeast=T7, T2+enzymes=T8). In addition all the rabbits were used in a Randomized block design with four replicates. Feed intake and body weight gain were recorded weekly for ten weeks period and digestibility studies were done in 5th and 7th weeks of the trial.

Crude protein (CP) digestibility in T3 (0.66) significantly higher than ($p < 0.05$) T1 (0.6). Crude fiber (CF) digestibility in T7 and T8 (0.18) significantly higher than ($p < 0.05$) T2 (0.170). But T6, T7 and T8 compared to T3, T4 and T5 showed significantly high weight gains and digestibility values of CP and CF.

Supplementation for broiler finisher rations with enzymes, yeast and EM showed significantly high weight gain and digestibility values of CP and CF compared to supplemented low cost ration. It is concluded that in a commercial level high economic advantage can be achieved by using EM, enzymes and yeast as additives in rabbit feeds.