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List of abbreviation

FCR	Feed conversion ratio
CP	Crude Protein
ME	Metabolizable Energy
CF	Crude Fibre
EE	Ether Extracts
NFE	Nitrogen Free Extracts
DM	Dry matter
H ₂ O	Water
NaOH	Sodium Hydroxide
HCL	Hydrochloric Acid
H ₂ SO ₄	Sulfuric Acid
%	Percentage
Kcal	Kilocalorie
Kg	kilogram
gm	Gram
AOAC	Association of Officials analytical Chemistry
⁰ C	Degree Celsius

Abstract

The study was designed to ascertain the effect of four commercial broiler feed used in Anwara upazila on production performance of broiler chickens. Keeping this view in mind, four farms were encountered to collect data and to compare the performance of broilers under four dietary groups in four farms. The body weight gain was highest in that group who had Nourish feed on the other hand the group had Newhope feed show high trend of feed consumption. Feed conversion ratio was lowest (1.5:1) in case of group who had Nourish feed. On analytical point of view, Nourish feed contain 22.2 % CP and 2704.75 kcal/kg ME which was approximately similar to the requirement of grower. There was a negative correlation between the Value of CP and FCR ($r=-0.56$). At the same time ME and FCR was also negatively correlated ($r=-0.16$). That means higher ME and CP gave lower FCR.

Key word: performance, FCR, ME, CP, correlation