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Acronyms and symbols used

Abbreviations	Elaborations
ANOVA	- Analysis of variance
BCRDV	- Baby Chicks Ranikhet Disease Vaccine
Ca	- Calcium
CF	- Crude fibre
cm	- Centimeter
CP	- Crude protein
CRD	- Completely Randomized Design
CVASU	- Chittagong Veterinary and Animal Sciences University
DLS	- Department of Livestock Services
DM	- Dry Matter
DOC	- Day Old Chick
EE	- Ether Extract
e.g	- Example given
et al.	- And his associates
etc.	- Et cetera
FCR	- Feed Conversion Ratio
ft	- Feet
g/b	- Gram per bird
Gm	- Gram
i.e.	- That is
Kg	- Kilogram
Kcal/kg	- Kilocalorie per kilogram
Kj/kg	- Kilo joule per kilogram
MJ	- Mega Joule
ml	- Milliliter
NFE	- Nitrogen free extract
NRC	- National Research Council

P	- Phosphorus
PRTC-	- Poultry Research and Training Center
RDV	- Ranikhet Disease Vaccine
Ref.	- Reference
SEM	- Standard error of mean
Sq. ft.	- Squire Feet
TME	- True metabolizable energy
%	- Percentage
<	- Less than
>	- Greater than
@	- At the rate of
&	- And

Abstract

Quality is the main determinant factor for assessing feed staff. The quality of feed was assessed based on the visual observation, lab analyses and biological trial. In this regard, ready-made broiler starter feed samples (D₁, D₂, D₃ and D₄) were collected from local market for laboratory analyses and biological trial (feed intake, weight gain, feed conversion ratio) with broiler. Data on dry matter (DM), crude protein (CP), crude fibre (CF), ether extract (EE), ash, Ca, and P contents (%) of feeds were collected from lab assays. The nutrient contents in the ready-made feeds were as per recommendation of the desired level, though, in few cases, excessive amount of EE (8.0%) and CP (24.50 %) contents were noticed. The ME content of most of the feeds were in higher (>3300 Kcal) amount. For biological trial, a total of 96 Ross 308 broiler chicks were fed on ready-made diets in the age duration of day old to 25 days to compare the growth performance of broilers of different dietary groups. All the forms of feed were identical (crumble) as well as same management and environments were provided for all the treatment. The study was aimed at investigating the productivity of broilers. The data revealed that FI, BW and FCR of broilers were similar ($P>0.05$) between treatment though the FCR of broilers differed ($P<0.05$) between treatments from d1-7 days only. Birds fed D₁ diet attained higher ($P<0.097$) BW (1414.0 g/b) than that of other diets on day 25. The FCR values of broilers on D₂ (1.27) diet group assumed to be better ($P<0.06$) than those of other diet group on 25d. It can be inferred that broilers fed on ready-made diets grew evenly on different ready-made diets, despite the variation of nutrient composition was found in different diets.

Key words: Growth, ready-made feed, FCR, broiler.