

IMPACT OF DIFFERENT LEVELS OF DIETARY PROTEIN AND ENERGY ON THE PERFORMANCE OF BROILERS

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ABSTRACT : Hundred broiler chicks, to carry out the study, were randomized in two groups equally and fed broiler mash (A) and grower mash (B). The observations recorded clearly showed that feeding of grower ration did not only reduce the weight gains but also proved uneconomical in the long term, while birds under group (A) reached a weight of 640.26 g. Those under group (B) averaged 140.37 g only, indicating a very slow growth in the latter. Besides an overall drastic reduction in cumulative feed intake (901.5 kg vs. 505.19), the result showed a high mortality (6 vs. 10) in the two groups. Same in case of breast and legs which witnessed a very heavy reduction, the difference within group in respect of other body parts failed to denote significant difference. Observations recorded no beneficial impact of interchange of feed except that high lean low body weight broilers raised on grower mash might attract specific clientele.

Key Words : Broiler, performance, dietary protein.