ABSTRACT

Influence of Liquid Methionine Supplementation in Drinking Water to Performance, Carcass Percentage and Viscera of Broiler Finisher Periods

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Commercial feed generally are suitable for broiler chickens. But the feed used commercial breeders may decline because the process of transportation and poor storage. That is why methionine supplementation need to be added to the diet to resolve the issue, either it is from the natural resource or made by synthetic mechanism. This research was conducted to study the effect of liquid methionine (Methionine Hydroxy Analogue/MHA) supplementation and to found optimum level if treated with commercial feed to performance, carcass percentage, and viscera of broiler finisher period. The design used was randomized block design with three treatments methionine and three groupings according to the type of ransum. All parameters data were analysed with Analysis of Variance (ANOVA) and if there was any significant difference the data was further tested using orthogonal contras. The results showed that the treatments did not influence to performance, carcass percentage and viscera. Implicitly, supplementation methionine in drinking water has not give negative impact because consumption of chicken not down and let be or innoxious of viscera.

Keywords: broiler, finisher, liquid methionine, performance, carcass percentage, viscera