Effect of probiotic supplementation on broilers performance

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Abstract
An experiment was carried out to evaluate the optimum level of probiotic (0.5-1 and 1.5%) supplementation on broiler performance, which acts as a natural microbial activity in gastrointestinal tract, against of antibiotic, where the broiler’s meat is the one of the most important protein source in human nutrition. Body weight of the broilers was significantly influenced by using of 1% probiotic in the dietary supplementation and also significantly lesser food was consumed by the birds raised with 1% level of probiotic supplemented in the diet. Dietary supplementation of probiotic improved the feed efficiency and there was a significant decrease in birds fed 1% probiotic when compared to control. Dietary supplementation of probiotic increased the livability percentage of broilers. It is concluded that to sustain the poultry growth and human health on the optimum level, probiotics can be use in place of antibiotics.

Key words: Probiotic, body weight, growth, broiler

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