The Effect of Chinese Propolis Supplementation on Ross Broiler Performance and Carcass Characteristics

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Abstract:

The experiment was conducted to investigate the effects of Ether Extract of Propolis (EEP) on Ross (308) broiler performance and carcass characteristics. This experiment was carried out in a completely randomized design with 5 treatments (different levels of propolis including 0, 100, 250, 500 and 750 mg/kg diet) for 6 weeks. The mean weight gain, feed consumption and feed conversion ratio were recorded weekly. In addition At 42 days old the total body weight, total body weight gain, carcass and some internal organs relative weights were recorded. The results clarified that, the weight gain was significantly reduced in the 4th and 6th week (P<0.05) reduced for propolis fed birds in comparison to those fed control diet. Furthermore, inclusion of 100, 250, 500 and 750 mg/kg diet Propolis significantly reduced body weight at 42 days old and total body weight gain in comparison to control diet (P

Keywords:

Propolis; Broiler; Internal organs weight; Performance

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