Effect of type litter on broiler performance

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Abstract:

One hundred and eighty one-day old broilers (Arbor Acres) were used in this study. The chicks were divided into three groups: The chicks were reared on wheat straw litter (group 1); the birds were reared on sand litter (group 2) and Group 3 where the birds were reared on saw dust litter. The chicks were raised on these types of litter from 0 to 49 days of age. The obtained results could be summarized as follows: The birds reared on sand litter had the heaviest body weights as compared with those reared on wheat straw or saw dust. Also, the overall mean for body weight gain (BWG) followed the same trend as body weight (BW). The type of litter had no effect on feed consumption (FC). The cumulative feed conversion ratio (FCR) was significantly (P

Keywords:

broilers performance, type of litter, sand, wheat straw, saw dust, fat content, bacterial and mold counts, economic efficiency

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