EFFECT OF HIGH ENERGY DIET WITH DIFFERENT PROTEIN LEVELS ON THE GROWTH PERFORMANCE AND CARCASS TRAITS OF JAPANESE QUAILS

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Abstract:

The chick performance, carcass traits and some blood biochemical parameters of Japanese quails fed high energy diet containing different protein levels were studied for 42 days. Sixty quail chicks at hatch (average weight 7.02 g ± 0.12) were randomly distributed into five experimental groups (12 chicks/each). Quails in the five groups were fed ad libitum on the respective isocaloric experimental diets (3200kcal ME/kg diet) containing five dietary protein levels (18, 20, 22, 24, 26 %). The growth performance, carcass characteristics and some blood biochemical parameters were assessed. The results showed that, quails fed on high energy diets containing 22, 24 % protein in the third and fourth groups achieved significantly (P

Keywords:

Quails, performance, carcass traits, protein levels

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