

Effects of Stocking Density on Growth Performance, carcass characteristics, Blood Biochemical Parameters and Intestinal Microbial Flora of Broilers of Broiler Chickens

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This study investigated the comparative effects of stocking density on growth performance, carcass characteristics, blood biochemical parameters and intestinal microbial flora of broilers. A total of 150, day-old male broiler chicks (Ross 308) in five groups and 3 replicates each (10 birds for replicate) were used based a completely randomized design. Floor pen space were included control (100 × 100 m²), 100×90m², 100×80m², 100 ×70m² and 100×60m². Result showed that birds in highest stocking density group (100×60m²) had the lowest feed intake and live weight gain and the highest food conversion ratio. Moreover stocking density affects none of carcass characteristics, blood parameters and immune system (p0.05). But the E. coli count in ileal content of birds were high with increasing density (P

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