

Effect of Neem (*Azadirachta Indica*) leaf powder supplementation on growth in broilers

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Abstract

A experiment was conducted on 120 day old broiler chicks divided into four groups, T0, T1, T2 and T3 which were supplemented with neem leaf powder @ 0gm, 1gm, 2gm and 3gm/kg of broiler ration, respectively. Weekly observations were recorded for live body weight, weekly gain in weight, weekly feed consumption and feed efficiency of birds for six weeks. All the treatment groups T1 (813.03), T2 (855.07) and T3 (834.21) recorded significantly ($P<0.01$) higher means for live body weight than that of control T0 (768.69) group. All the treatment groups showed non-significant increase in weekly gain in weight, feed consumption and feed efficiency as compared to that of control group.

Keywords: Neem, Supplementation, Growth, Broiler, Physiology, Medicine, Antibacterial, Ancient.