

A study on the effect of mint mixed proximate ration on body weight and feed conversion ratio of broiler

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ABSTRACT : An experiment was carried out at University of Allahabad to evaluate different mint mixed ration on different parameter of broiler. In this experiment day old broiler with 38.50-40.66 g weight 108 chicks of same hatch were divided in to 9 groups of 12 chicks in each were fed on mint mix ration as starter up to 4th week and up to 6th week with finisher ration. Range of lowest and highest body weight of broiler from 1st to 6th week were recorded in T₂-T₃ (89.33-101.3 g), T₂-T₄ (179.5g-222.0 g), T₂-T₄ (314.66-413.33 g), T₂-T₄ (520.0-696.0 g), T₂-T₄ (806.66-1053.33 g) and T₂-T₇ (1011.66-1336.66 g). Weekly body weight of T₄ increased maximum. Highest feed consumption was recorded in sixth week (650.18g) followed by fifth (617.81g), fourth (434.81g), third (294.81), second (218.77) and first (125.10). The highest weekly feed consumption ratio was recorded in T₀(2.38) followed by T₁(2.16), T₃(2.03), T₄(1.96), T₆(1.93), T₈(1.81), T₇(1.80) and T₅(1.78) and the differences in these were non-significant with regard to effect of age, the highest FCR of broiler irrespective of treatment was recorded during six week (2.93) followed by second (2.68), first (2.63), third (2.56), fifth (2.41) and fourth (2.03). The differences in these value were significant. The broiler during sixth week of age registered significantly higher FCR than the broiler at second, first third, fourth and fifth week.

Key Words : Broiler, feed conversion ratio, mint mixed proximate ration, body weight.