



Effect of different dietary protein level on the growth performance of broiler chickens

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ABSTRACT : The present study was conducted at Sardar Vallabhbhai Patel University of Agriculture and Technology, Meerut (India) to compare the growth performance of broiler chicken after feeding them on four dietary treatments *viz.*, T₁(control) containing 22 per cent crude protein (CP), T₂ 85 per cent control diet + 7.5 per cent groundnut cake + 7.5 per cent fish meal (25 % CP), T₃ 83 per cent control diet + 8.5 per cent maize + 8.5 per cent wheat (20 % CP) and T₄ 66.5 per cent control diet + 33.5 per cent wheat (18 % CP). Average body weight gain of broiler chicks of 6 week age, fed control diet (22 % CP), 25, 20 and 18 per cent CP were reported 2062 ± 4.1, 2174 ± 4.9, 1875 ± 4.0 and 1780 ± 2.8 g against the feed consumption of 3727 ± 1.4, 4243.9 ± 20.7, 3432 ± 14.3 and 3396 ± 11.4g, respectively. The average FCR of control diet T₂, 25, T₃, 20 and T₄ 18 per cent CP were 1.94 ± 0.00, 1.83 ± 0.01, 1.89 ± 0.01 and 1.75 ± 0.07, respectively.

KEY WORDS : Broiler chick, Feed consumption, Body weight gain, FCR

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