



RESEARCH PAPER

Effect of Tulsi powder as influenced by growth performance of broiler chicks

U.K. Shukla* and Rohit Kumar Yadav

Livestock Production and Management (Unit), Department of N.R.M., Faculty of Agriculture, Mahatma Gandhi Chitrakoot Gramodaya Vishwavidyalaya, Chitrakoot, Satna, (M.P.) India

Abstract : The experiment was conducted at the Livestock Production and management unit, Department of N.R.M Faculty of agriculture MGCGV Chitrakoot - Satna M.P. To complete the research work following steps were followed. Freshly hatched, apparently healthy, day old straight run 225 commercial broiler chicks (Cobb strain) were procured on 18th April, 2022 from Government Poultry Farm, for the present study. Routine, day old vaccinations for (FI strain) disease were given to the chicks just after hatching. On 14th day all the chicks were vaccinated against Infectious Bursal Disease also. On 2nd day all the chicks were wing banded, individually weighed and randomly divided into 4 treatment groups excluding one that of control. Each group having 45 broiler chicks, was further sub-divided into 3 replicates of 15 chicks. In the group T₀ – (Control) basal diet /standard ration, T₁– Feed 1kg + 0.5g Tulsi leaf powder, T₂– Feed 1kg + 1.5g Tulsi leaf powder, T₃– Feed 1kg + 2.5g Tulsi leaf powder, T₄– Feed 1kg + 3.5g Tulsi leaf powder Based on results it was concluded that Tulsi leaf powder has significant effect on the body weights, feed intake, gain in weight and feed efficiency of broilers. Based on feed efficiency best performance of broilers was observed in supplemented with 1.5 per cent Tulsi leaf powder, followed by 0.5 per cent Tulsi leaf powder, followed by 2.5 Tulsi leaf powder for getting good body weight. All treatments were economically better than control.

Key Words : Broiler Chicks, Growth performance, Tulsi leaf.

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