

The Viability of Dietary Probiotics (Bactosac®) Influencing Growth Parameters, Cellular Alteration in Intestinal Wall and Immune Response of Broilers

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Treatment program of Bactosac (n=100)

Group	Vaccination	Bactosac supplementation
A	Yes	Age 0 day- 2 week of age: Bactosac 1cc/5-litres water every day
B	No	Age 3 rd week of age: Bactosac 1cc/5-liter water 3 days in a week From 4 th week to rest: Bactosac 1cc/10-liter water
C	Yes	No Bactosac supplement control
D	No	

Summary

Supplementation of Bactosac was increased weight gain length of jejunal villi and gave an evidence on variation of bursa and spleen weight. The study can concluded that supplementation of probiotics gave significant effect on growth performance, meat yield, morphological changes of intestinal wall and immune response in broiler.

Reference: M. Aminul Islam, S.M. Lutful Kabir, M. Bahanur Rahman, Shonkor Kumar Das, K.M. Mahmud Hossain, M. Murshed Hasan Mustafa and Kriengsak Poonsuk, 2014. The Viability of Dietary Probiotics (Bactosac®) Influencing Growth Parameters, Cellular Alteration in Intestinal Wall and Immune Response of Broilers . Current Research Journal of Biological Sciences, 6(3): 128-133