

Effects of probiotic on performance of broiler chicks
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Two trials were conducted on commercial broilers to evaluate the performance of broilers to probiotic preparation developed from the gut of chicken. A probiotic containing *Lactobacillus acidophilus* 0.5, *L. Salivarius* 0.25, *Saccharomyces* sp. 0.125 and *Torulopsis* sp. 0.125×10^6 cfu per kg diet significantly ($P < 0.01$) improved weight gain by 11.0 to 12.2%, reduced faecal coliform count by 60.3 per cent, increased intestinal amylase activity ($p < 0.01$), elevated the humoral immune response ($p < 0.01$) to New castle disease virus and increased the width of villi ($p < 0.01$). The result indicated that the probiotic preparation developed from the chicken gut when fed at 10^6 cfu per kg diet could enhance the broiler chicks' performance.
