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Probiotics feed supplement of broiler chicken for yield performance and meat quality improvements

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Abstract Several trials were conducted to evaluate the effect of probiotics feed supplement on the yield performance of broilers all over the world. Understanding the probiotics feed supplement of broiler chicken could provide clues regarding the vulnerability of poultry to enteric pathogen up to 45 days old. Consequently, they will have an effect on the broiler performance, microbial quality of broiler carcasses and consumer safety. Although the use of such probiotics has been suggested by many researchers for prevention and controlling of enteric pathogens in poultry, they are still not widely practically used in the field at the present time. This article is encouraging the researcher all over the world for further work on the use of probiotics feed supplement of broiler as an effective alternative to antibiotics for enhancing the yield performance and producing good quality broiler meat free from the hazards of antibiotic residues.

Keywords probiotics; broilers; quality; pathogen