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A new Polyherbal formulation to control bacterial enteritis in poultry: a case study in Salmonella enteritidis induced experimental model

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Abstract

An experimental study was conducted in day old 150 VenCobb chicks to evaluate efficacy of polyherbal formulation in induced bacterial enteritis with Salmonella enteritidis. Birds were randomly divided into three groups: negative control, infected and untreated control & prophylactically treated group with AV/ADC/16 (14th-28th days). Salmonella infection was induced on day 21st. A significant decrease in overall growth, productivity, feed conversion and mortality was evident in untreated infected group in addition to severity of clinical signs. However, prophylactic administration of herbal formulation reduced mortality and clinical symptoms were mild to negligible. No negative effect on growth & performance was observed in treated group III.

Keywords: enteritis, polyherbal, antidiarrhoeal, performance.