

The effect of dietary direct-fed microbial (DFM) and antibiotics supplementation on health status and growth performance of broiler chickens under hot humid environmental conditions was studied. A total of 600 one-day-old Cobb hybrid broilers were randomly allotted to three dietary treatments. Three hundred and twenty (320) birds were selected out of the 600 after phase 1 and allotted to four dietary treatments: (i) Basal diet (BD) control, ii) BD plus DFM at the rate of 1.5 ml/kg, (iii) BD plus antibiotics at the rate of 100 mg/kg and (iv) BD plus DFM and antibiotics at the same rate as earlier described. In phase 1, birds fed DFM diet had lower feed intake (P