

**EFFECT OF SUPPLEMENTATION ELECTROLYTE
AND MULTIVITAMIN COMMERSIAL SUPPLEMENTATION TO
CONSUMPTION OF FEED AND HEAVY ACCRETION OF BODY
OF HEAT STRESSED BROILER**

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ABSTRACT

The purpose of this study was to know effect of electrolyte and multivitamin commercial supplementation to heavy accretion of body and consumption of feed of heat stressed broiler. Forty head of broiler with three weeks of ages divided into four different groups (n = 10) and separated into two different chamber (**A** and **B**). One group (control/**P0**) was caged at low temperature (21-23°C) chamber (**A**), while the others (**P1**; **P2**; **P3**) were caged at high temperature (34,5-35 °C) chamber (**B**). Group **P0** and **P1** administered only with water, groups **P2** and **P3** administered respectively with normal dose (1 gram/4 lt water) and double dose (2 gram/4lt water) commercial electrolyte and multivitamin. The data was analyzed with Anava test. If the significant difference were found among each treatment, analysis would be continued by Duncan test. This result showed that supplementation electrolyte and multivitamin commercial was increasing heavy accretion of body (significant), but it was not difference consumption of feed

Keywords : *Heat stress, electrolyte and multivitamin, broiler*