

## **Impacts of different levels of phytase as dietary supplement on the carcass traits in broiler production**

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**ABSTRACT :** The present investigation was carried out to investigate the effect of graded levels of phytase on the carcass traits in the production of broilers. The level of dietary supplements of phytase @ 0.00 g, 10.00 g, 20.00 g and 30.00 g per kg of normal basal ration (NBR) in T<sub>1</sub>, T<sub>2</sub>, T<sub>3</sub> and T<sub>4</sub> groups, respectively. One day old 240 broiler chicks were selected to evaluate the effect of different levels of phytase as dietary supplement. The results revealed that the carcass traits i.e. weight of liver, gizzard and heart were significantly ( $P \leq 0.05$ ) higher in T<sub>4</sub> and lower in T<sub>1</sub> group. It can be concluded that the phytase supplementation at the rate of 30g/kg of normal basal ration of broiler diet had resulted the better performance of carcass traits in terms of live weight, dressing percentage, eviscerated percentage than other treatment groups and was observed numerically economic for the broiler growers.

**Key Words:** Phytase, dressing percentage, eviscerated percentage, carcass traits, broilers.