

**SUBSTITUTION OF RICE BRAN WITH PHYTASE ENZYMES  
IN COMMERCIAL FEED ON THE PERCENTAGE  
OF CARCASS AND ABDOMINAL FAT IN  
BROILER**

Rahmasari Nur Azizah

**ABSTRACT**

The purpose of this study is to determine the substitution of rice bran with phytase enzymes in commercial feed on the percentage of carcass and abdominal fat in broiler. The experimental design used in this study was complete randomized design. Thirty five male broilers strain CP 707 were randomly divided into five groups. Group I (P0) 100kg commercial feed, group II (P1) 95kg commercial feed + rice bran with phytase enzyme 5kg, group III (P2) 90kg commercial feed + rice bran with phytase enzyme 10kg, group IV (P3) 85kg commercial feed + rice bran with phytase enzyme 15kg, group V (P4) 80kg commercial feed + rice bran with phytase enzyme 20kg. Treatment was given to chickens aged 20 - 35 days. Carcass weight and abdominal fat was measured at 35 day of age. Data were analyzed using Anova and Duncan Multiple. The results showed that substitution of rice bran with phytase enzymes in commercial feed did not affect ( $p > 0.05$ ) on the percentage of carcass and abdominal fat.

**Keywords** : *Phytase Enzyme, Broiler, Percentage of Carcass, Abdominal Fat, Rice Bran.*