

**SUBSTITUTION OF *Distiller's Dried Grains with Solubles* (DDGS) AT
COMERCIAL FEED AGAINST PERCENTAGE OF WEIGHT
CARCASE AND ABDOMINAL FAT BROILER**

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ABSTRACT

This study aims to determine the potential of Dried Distiller Grain with Soluble (DDGS) as a substitute for commercial feed on the percentage of broiler carcass weight and broiler fat abdominal percentage. Distiller's Dried Grains with Solubles (DDGS) have potential as an alternative poultry feed. The experimental animals used were 20 DOC broiler strains Cobb randomized into 5 treatments with 4 replications ie P0 (100% commercial ration), P1 (98% commercial ration + 2% DDGS), P2 (96% commercial rations + 4% DDGS), P3 (94% commercial ration + 4% DDGS), P4 (92% commercial ration + 4% DDGS). The study was conducted for 35 days intensively on battery cage. Data obtained from the study were analyzed using one way ANOVA with Duncan's Multiple Range Test. The results showed that the substitution of Dried Distiller Grain with Soluble (DDGS) on commercial feed was not significantly different in percentage of carcass weight and abdominal fat percentage ($p > 0,05$).

Keywords: DDGS, broiler, percentage of carcass, abdominal fat percentage.