

THE UTILIZATION OF SLUDGE AS CORN SUBSTITUTION TOWARDS DRY-MATTER AND CRUDE-PROTEIN DIGESTIBLE OF MALE BROILERS

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ABSTRACT

Sludge contains of 73.4618% dry matter, 7.5568% crude protein, 1.406% crude fat, 1.292% ash, 0.5901% Ca, 61.9266 BETN, and 2637.83 ME (Kcal/kg). The aim of this research to determine the relation of 10%, 20%, and 30% sludge utilization as corn substitution towards dry matter and crude protein digestion of male broiler. Twenty male broiler of 3 weeks old. Samples were classified into 4 groups and 5 replication. P0 as control, P1, P2, P3 used 0%, 10%, 20%, and 30% sludge respectively. Four week later, faeces were collected every day for one week. Then it was analyzed with proximate analyzed. The data was analyzed by ANOVA. The result showed there no significant different among the treatments.

Keywords: Sludge, dry-matter, crude-protein

