

PERFORMANCE AND HAEMATOLOGICAL INDICES OF FINISHER BROILERS FED SUNDRIED YAM PEEL MEAL DIETS

Comfort Abel Essien & Idorenyin Meme Sam

Department of Animal Science, Faculty of Agriculture, Akwa-Ibom State University
Akwa-Ibom State, NIGERIA

*Corresponding Author: sidorenyin@yahoo.com

ABSTRACT

A 4- week study was conducted using 160 unsexed Anak broilers to determine the effect of yam peels meal (SYPM) as partial replacement for maize on the performance and haematological indices of finishing broilers. The broilers were divided into four (4) groups and fed diets containing 0, 10, 20% and 30% yam peel meal. Each group was replicated four times with 10 birds per replicate in a completely randomized Design (CRD). Feed and water were provided ad libitum for the period. Results showed that significant ($p > 0.05$) difference did not exist among the treatment with respect to body weight gain, feed intake and feed conversion ratio. No mortality was recorded over the period of the trial. The experimental diets did not have significant ($p > 0.05$) effect on haematological indices such as Red blood cell (RBC), packed cell volume (PCV), haemoglobin (Hb), mean corpuscular Concentration (MCHC), white blood cell (WBC). The results of this study revealed that 30% sundried yam peel meal can replace maize in diet of finishing broilers with better performance.

Keywords: Broiler, Sundried Yam Peel Meals and performance.