

ABSTRACT

This study was conducted from November 26, 2017 to December 16, 2017 at Jamindan Extension, Capiz State University Burias Campus. The study aimed to evaluate the effect of saponin-containing herbs extract on the growth performance of native chicken in terms of feed consumption, gain in weight, water intake, feed conversion ratio, and evaluate the anthelmintic potential of the different saponin-containing herbs extract in native chicken. The substitution levels were 30 ml each of chili, alugbati and ginseng extracts per liter of water. Treatments were replicated three times and arranged following a Randomized Complete Block Design (RCBD). Data collected were analyzed using the Analysis of Variance for F - Test and results were interpreted at 5% and 1% level of significance.

Result showed that feed consumption, feed conversion ratio, gain in weight, and water intake were significantly affected by the various saponin-containing herbs supplementation and similar pattern of differences was reflected on the fecal examination on the percent reduction of egg count. 30 ml each of chili, alugbati, and ginseng extracts were effective against gastrointestinal parasite in native chicken. Supplementation of 30 ml/L of ginseng extract gave the highest income over feed supplement cost of Php 23.65.