

THE EFFECT OF THE DIFFERENT LEVELS OF SEA CUCUMBER (HOLOTHURIA SPP.) MEAT MEAL ON THE GENERAL PERFORMANCE OF GROWING DUCKS

Third Place, Animal Science Section, Student Category

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The study was conducted from September 30 to November 25, 1982 at the Swine Research Project of the College of Agriculture, Central Philippine University, Jaro, Iloilo City. The object of the study was to determine the effect of the different levels of sea cucumber meat meal mixed with home-mixed ration on the feed consumption, liveweight gain, feed efficiency and return over feed cost of the growing ducks.

Sixty one-month old ducklings were divided into four treatments, each one replicated three times and were arranged in a completely randomized design (CRD). The treatments were as follows: (A) 0 or no cucumber meat meal included, (B) 3 percent, (C) 6 percent and (D) 9 percent sea cucumber meat meal

added to the home-mixed ration.

Results of the study revealed that the birds fed with rations containing 3 percent sea cucumber meat meal had the highest average gain in liveweight and feed efficiency compared to the birds given other levels of sea cucumber meat meal in the diet. In terms of feed consumption, the birds fed with pure home-mixed ration consumed more feeds, followed by the birds fed with rations containing 6, 3 and 9 percent sea cucumber meat meal. Ducks given feeds with 9 percent sea cucumber meat meal gave the highest economic returns of P3.034 which was P0.324, P0.684 and P0.584 higher than those obtained from the birds given feed with 3, 0 and 6 percent sea cucumber meat meal, respectively.