

**GROWTH PERFORMANCE OF NATIVE CHICKEN CHICKS AS INFLUENCED BY  
DIFFERENT LEVELS OF TURMERIC (*Curcuma longa* L.)  
AS FEED ADDITIVE**

A Project Report

Presented to

the College of Agriculture, Resources, and Environmental Sciences

Central Philippine University

Jaro, Iloilo City

In Partial Fulfillment

of the Requirements for the Degree

**BACHELOR OF SCIENCE IN AGRICULTURE**

By

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April 2020

**GROWTH PERFORMANCE OF DAY- OLD NATIVE CHICKEN CHICKS FED  
WITH TURMERIC (*Curcuma longa linn.*) AS FEED ADDITIVES**

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**ABSTRACT**

This study was conducted from February 21, 2020 to March 21, 2020 at Pulao, Dumangas, Iloilo to determine the growth performance of broiler native chicken chicks as influenced by different levels of turmeric (*Curcuma longa* L.). The experimental treatments consisted of different levels (0.1, 0.5, 1 and 1.5%) of turmeric powder mixed with pure CPU formulated feeds. Pure CPU booster feeds with turmeric content served as positive control and CPU booster feeds without turmeric was used as negative control. One hundred-eighty day-old native chicken chicks were used and were randomly allotted into six treatments. These were laid out in a randomized complete block design (RCBD) with three replications. The experiment was done for thirty days. The data were statistically analysed using the analysis of variance for a randomized complete block design. Results showed that liveweight gain of native chicken chicks ranged from 39.22 g to 44.97 g, feed consumption from 74.74 g to 85.31 g, feed efficiency from 2.51 g to 2.72 g and survival percentage from 80 to 96.67. Results of this study revealed that the different levels of dehydrated turmeric powder did not significantly ( $P>0.5$ ) affect the liveweight gain, feed consumption, feed efficiency, and survival rate of the native chickens. Thus it can be said that the growth performance of native chicken chicks was not affected by the different levels of turmeric powder.