GWOWTH PERFORMANCE OF SPORLERS AS AFFECTED BY SUPPLEMENTATION OF SOMBLAM COMB (SAPAL NG TALKO)

RESEARCH STUDY

APPLIED RESEARCH IV

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GROWTH PERFORMANCE OF BROILERS AS AFFECTED BY SUPPLEMENTATION OF SOYBEAN CURD (SAPAL NG TAHO)

A Research Study
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ABSTRACT

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This study was conducted at Indang, Cavite from July 30, 1993 to September 27, 1993 to determine the effects of soybean curd supplementation on the growth performance of broilers and to find out what level of supplementation was suitable.

Five treatment groups were used having levels of supplementation as follows: T_0 - control (pure commercial feeds); T_1 - 5% soybean curd supplement + 95% commercial feeds; T_2 - 10% soybean curd supplement + 90% commercial feeds; T_3 - 15% soybean curd supplement + 85% commercial feeds; T_4 - 20% soybean curd supplement + 80% commercial feeds.

The result revealed that the best level of supplementation was 20% soybean curd + 80% commercial feeds. This treatment improved the growth of chicks in terms of weight and gain in weight, just like the treatment groups fed with 15% soybean curd, 10% soybean curd and 5% soybean curd. However, there was no significant difference

among treatment groups in terms of feed consumption. There was significant difference among treatment groups in terms of feed conversion efficiency. It was also found out that at increasing level of supplementation, there was a slight decrease in feed consumption, thus, decreasing the amount of feeds needed in providing a kilogram of meat. This supplement has no effect on mortality or toxicity. The poorest result, however, was obtained in the control which are fed with pure commercial feeds.

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by

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CHAPTER I

INTRODUCTION

Importance of the Study

Soybean, scientifically known as <u>Glycine max</u> has been found to be a good source of high quality protein that can be acquired at a very low cost. It ranks far ahead of other crops as a protein source for both human beings and animal consumption. Soybean has a variety of uses including food, feed and as raw material for industry. Proteins are very important in poultry ration because they help to form the greater part of the muscles, internal organs, skin and feathers. Soybean contains a high percentage of protein which is approximately 40%.