



**EFFECTS OF *Cajanus cajan* (PIGEON PEA) AS FEED ADDITIVES
ON THE GROWTH OF *Gallus domesticus* (CHICKEN).**

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ABSTRACT

This study dealt on the effects of *Cajanus cajan* (pigeon pea) seeds as feed additives on the growth of *Gallus domesticus* (Chicken). The growth of the chicks was determined in terms of their body weight. Forty-five heads of 6 days old domestic chicks were used and randomly distributed to five different treatments using the following concentrations: T_0 = 100% commercial feeds (Purina feeds), T_1 = 75% commercial feeds + 25% *Cajanus cajan*, T_2 = 50% commercial feeds + 50% *Cajanus cajan*, T_3 = 25% commercial feeds + 75% *Cajanus cajan* and T_4 = 100% *Cajanus cajan*. This study was conducted at Mr. Robin Cruz' poultry at Medicion 2nd Imus, Cavite. A taste test survey was conducted among 25 respondents to determine which among the different concentrations of *Cajanus cajan* (Pigeon pea) seeds would most likely be chosen by them.

The results from the initial weight of the *Gallus domesticus* at T_0 was the highest having an average weight of 1000.55g on the 45th day, followed by T_4 having an average weight of 951.11g. From the taste test survey done, the results showed that the qualitative test for color, aroma, flavor, and size and shape is either very satisfactory or satisfactory based on likert test method.

Therefore, the study revealed that the four treatments with *Cajanus cajan* seeds have no significant effect on the growth of *Gallus domesticus* (chicken), which means that pigeon pea seeds can be an alternative feed for *Gallus domesticus*.



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