CALIFORNIA SCIENCE & ENGINEERING FAIR
2019 PROJECT SUMMARY

Name(s)

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Project Number

S2206

Project Title

How Does the Composition of Pigeon Milk Affect the Growth Process of Domestic Animals?

Abstract

Objectives

To observe if pigeon milk may be used as a growth hormone alternative in the poultry industry

Methods

11 White longhorn chickens,48 pigeon to produce milk, 24 millimeters of pigeon milk, weight scale measuring in grams, measuring tape in cm, mini refrigerator to keep the pigeon milk substance from truing bad, a variety of test tubes to collect pigeon milk, and repeat this process for 2 months.

Results

Giving pigeon milk to 11 baby chicks for 2 months, every morning and afternoon to find out how pigeon milk affects a chickens growth rate. After week 4 there was a difference in growth than a average chicken

Conclusions

In within 2 months of conducting this experiment I conclude that my exterminated chickens grew by a 29.9% in size with a diet of pigeon milk.

Summary Statement

Using pigeon milk to substitute as a growth hormone for chickens to provide a cheap and natural solution

Help Received

In this case I went to my cousins farm where they grow chickens, ducks, and pigeons. Then built a 20 ft pigeon coop for raising over than 50 pigeons to harvest pigeon milk from only 1 single parent along with the help of my uncle