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FACULTY OF AGRICULTURE AND ANIMAL SCIENCES, ARAPAI CAMPUS

PROFITABILITY OF BROILER CHICKEN PRODUCTION IN KAWEMPE DIVISION, KAMPALA CITY

BY

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A SPECIAL PROJECT REPORT SUBMITTED TO THE DEPARTMENT OF AGRIBUSINESS AND EXTENSION IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE AWARD OF THE DEGREE OF BACHELOR OF AGRIBUSINESS OF BUSITEMA UNIVERSITY

MAY 2023

DECLARATION

I declare that this report is my original work and has never been submitted to any university or institution of higher learning for an academic award.

Signature ..... **Date** 07/06/2023.....

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APPROVAL

This is to certify that this study is submitted for examination with my approval as a supervisor.

Signature ..... **Date** 7th/6/2023

Mr. Okiror Simon Peter

Academic Supervisor

DEDICATION

I dedicate this report with warmest gratitude to my beloved mother Ms. Kanyemera Monica, my aunt Ms. Busingye Harriet, and siblings for their endless love, care, patience, and financial and moral support throughout my education, and helping towards achieving my career goal.

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LIST OF ABBREVIATIONS

CBD	Central Business District
COVID-19	Corona Virus Disease of 2019
DOC	Day Old Chick
FAO	Food and Agriculture Organization of the United Nations
GDP	Gross Domestic Product
GM	Gross Margins
KCCA	Kampala Capital City Authority
MAAIF	Ministry of Agriculture, Animal Industry and Fisheries
Mmt	Million Metric Tonnes
NAADS	National Agricultural Advisory Services
SARS	Severe Acute Respiratory Syndrome
UBOS	Uganda Bureau of Statistics
UGX	Uganda Shillings

ABSTRACT

Broiler chicken farming is one of the lucrative enterprises contributing to an increase in animal protein supply and farmer income. The aim of the study was to assess the profitability of broiler chicken production in Kawempe Division, Kampala City. The study targeted 100 broiler farmers in Bwaise, Kazo, Kawempe 1 and Mpererwe wards. Primary data was collected using structured questionnaires, and analyzed using Microsoft Excel and Stata software. Descriptive statistics were used to characterize broiler farmers and the results show that females (60%) were more than males (40%) with an average age of 42 years. The average education years attained by the respondents was 11.34 years (S.4). Majority had an average experience of more than 10.4 years in broiler production. Gross margin analysis was used to determine the profitability of the enterprise, and multiple linear regression to determine the factors that influenced profitability. The results show that broiler chicken production was profitable with average gross margin of UGX 1,171,180. The major variable costs included cost of chicks, feeds, vaccines, litter, disease control and transportation with an average of UGX 5,217,570**.** The average revenues were UGX 6,388,750**.** The multiple linear regression revealed that the variables age, sex, education level and distance to the trading center had a significant influence on gross margins. Major recommendations of the study are government should subsidize on farm inputs, farmers should put in place disease control measures and finally government should ensure more extension services as this will all help farmers to increase on farmer's profits.

CHAPTER ONE
INTRODUCTION

1.1 Back ground

Poultry farming is the natural practice of raising chicken, turkeys, ducks, genuine fowls, pigeons or geese (Figure 1). Poultry is a net worthy sub-sector in the livestock industry mainly dominated by chickens, and broilers in particular, which constitute as much as 95% of all the poultry kept on the planet (Olorunwa, 2018). The birds are raised for domestic and commercial use for meat, eggs and feathers, and are found on many types of poultry farms (Rao, 2020).

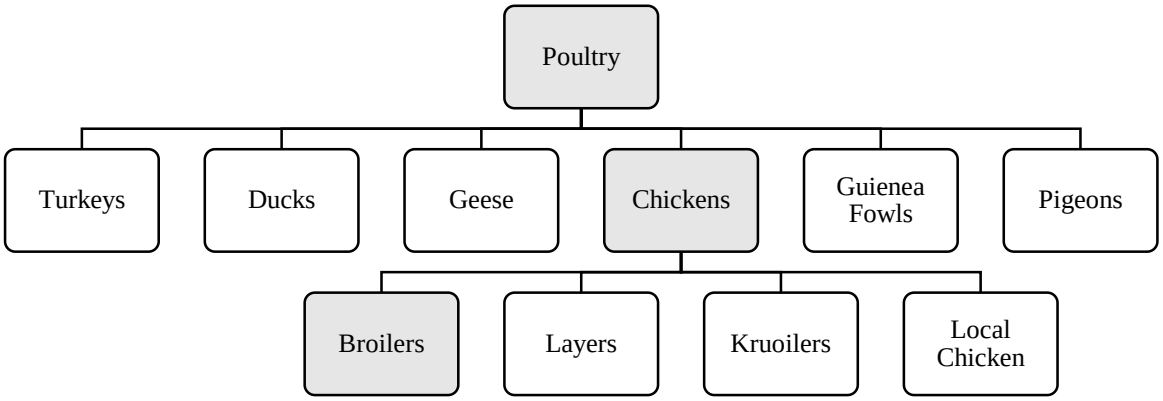

Figure 1: The poultry types showing the target category – broilers (Olorunwa, 2018).

The total chicken population in the world is estimated at 33 billion birds (FAO, 2020) with China (4.75 billion), Indonesia (3.56 billion), Pakistan (1.44 billion), and Iran (1 billion) being the leading producers. Chicken production is the fastest growing component of the livestock sub-sector taking a leading role in the global meat production in developing economies (Nassar & Stino, 2015). Chickens provide mankind meat, eggs, feathers, and manure. The chicken meat and eggs are an important source of high quality protein, minerals and vitamins to balance the human diet (Parveen & Gohar, 2016). The demand for protein-rich foods such as poultry, fish, milk, pork, mutton and beef is increasing rapidly (Tamim Rahman et al., 2019)). Countries like China, the United States of America (USA), India, and Brazil, are leading in the consumption of these new Western diets (FAO, 2020). The global chicken meat consumption is projected at 152 million metric tonnes per annum with China (20 Mmt), USA (19 Mmt), and Brazil (12 Mmt) accounting for nearly 40% of the total global chicken meat consumption (FAO, 2020).

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