
BUSITEMA UNIVERSITY ARAPAI CAMPUS
FACULTY OF AGRICULTURE AND ANIMAL SCIENCES

**A REPORT OF INDUSTRIAL TRAINING AT BUSITEMA UNIVERSITY ARAPAI
FARM IN SOROTI DISTRICT - EASTERN UGANDA CARRIED OUT FOR A PERIOD
OF EIGHT WEEKS FROM 19th JUNE-11th AUGUST 2023.**

BY

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**SUBMITTED TO THE DEPARTMENT OF AGRIBUSINESS AND EXTENSION IN
PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE AWARD OF A
CERTIFICATE IN GENAL AGRICULTURAL AT BUSITEMA UNIVERSITY.**

SUBMISSION DATE :...../...../.....

STUDENT'S SIGNATURE:.....

DECLARATION

I hereby declare that this report is my own hard work and has never been awarded any Certification from any learning Institution or University.

STUDENT DETAILS.

NAME; MALINGA GERALD

Sign; -----

Date; -----

SUPERVISORS' DETAILS

Field Supervisor's Name: MR. OPESEN JOSEPH

Signature :  -----

Date : 21st / 8 / 2023 -----

Academic Supervisor's Name: ^{Dr.} Mr. MATOVU HENRY

Signature:  -----

Date : 23 / 8 / 23 -----

DEDICATION

I truly dedicate this report to Christ Jesus for the love and kindness he has showed me in all my Academic struggles, and to my beloved father for his endless support given to me through out This academic journey I pursue.

ACKNOWLEDGEMENT.

With a heart of gratitude, I would like to acknowledge the hard work of all the staff at arapai farm for their tireless efforts of guiding us and making the industrial training a success.

I would also like to acknowledge the team spirit of my fellow internees. It was not easy but we kept together and worked together under the hot sun daily.

Lastly, I would like to appreciate the University for the Wonderful Opportunity it always gives us to get more experience from the field. It is really yielding and I do not take it for granted

SUMMARY OF THE REPORT

This report is about the industrial training that started from 19th June 2023 - 11th August 2023.

The report consists of four chapters described in detail. Chapter one introduces the reader to the report. It contains details of where the internship was conducted from such as name of organization, its historical background, vision, mission its location, beneficiaries and any other thing one would like to know about the organization.

Chapter two contains description of the attachment. It describes the activities performed by the internees in detail. These activities were performed under five main i.e. dairy production and management, goats section, poultry production and management, piggery and horticulture. The other activities such as value addition were a sub section of the five sections mentioned above.

In general, we carried OUT basic agricultural management practices in all the sections. Some of the practices under livestock included, cleaning, feeding, dehorning, castration, disease diagnosis and treatment, hoof trimming, brooding etc., whereas in horticulture they included weeding, watering, mulching etc.

Chapter three of this report contains impact of the attachment on the internee. This impact involves skills obtained, social condition of the environment during internship, challenges faced among others. The impact was positive on my side since I gained several skills such as the skill of brooding chicks, making organic liquid manure and pesticides, value addition and many management skills in livestock production and management.

The last chapter of this report is made up of conclusion and recommendation. In my conclusion, the it was a success and I recommended some improvements in some sections especially the piggery section. This report also contains appendices showing some pictures during IT and references where one can read in detail.

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LIST OF ABBREVIATIONS

e.g. -----	for example
etc. -----	etcetera
Ms. -----	miss
Mr. -----	mister
Fig. -----	figure
i.e. -----	that is
tel. -----	telephone
BUAC.....	Busitema University Arapai Campus
IT-----	industrial training

LIST OF TABLES AND FIGURES

- Table 1. -----different nutrients found in animal feeds
- Table 2. -----common ticks affecting dairy cows and their control
- Table 3. -----common goat diseases, cause and control
- Table 4. -----nutritional requirements in poultry feeds
- Table 5. -----common poultry diseases and their signs
- Table 6. -----internees' work plan
- Fig 1. -----deworming of calves
- Fig 2. -----cleaning the dairy unit
- Fig 3. -----measuring a goat's heart girth
- Fig 4. -----open castration
- Fig 5. -----caring for 1 day old chicks
- Fig 6. -----watering a nursery bed.

CHAPTER ONE.

INTRODUCTION

Busitema University is a multi-campus model public university and is one of the best universities in Uganda.

LOCATION

The main campus is located at Busitema and other campuses at Nagongera, Namasagali, Arapai, Mbale, Kaliro and Pallisa. The University opened its doors to the first cohort of students on 3rd October 2007.

VISION

A Centre of Academic and Professional Excellence in Science, Technology and Innovation.

MISSION

To provide high standard training, engage in quality research and outreach for social-economic transformation and sustainable development.

BACKGROUND

THE HISTORICAL BACKGROUND OF ARAPAI CAMPUS (FACULTY OF AGRICULTURE AND ANIMAL SCIENCES)

The Faculty of Agriculture and Animal sciences started its operations in 2010 taking over from Arapai agricultural College that had been in existence since 1952 offering Diploma's and certificates to agriculture related subjects.

LAND SIZE AND DEPARTMENTS

The faculty has vast land spreading to over 700 acres.

Arapai campus is located 10 kilometers along Soroti-Moroto road.

The faculty has the following departments:

- ✓ Agribusiness and rural extension
- ✓ Animal production and management
- ✓ Crop production and management