



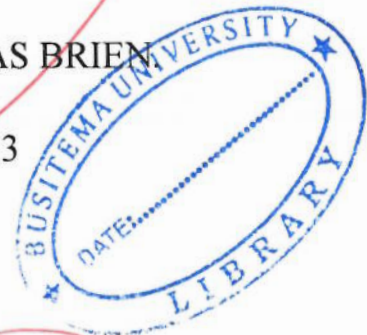
**BUSITEMA
UNIVERSITY**
Pursuing Excellence

P.O.Box 236, Tororo
Gen: +256-454448842
Dir: +256-454448864
Mob: +256-782999874
Fax: +256-454436517
Email: ar@acadreg.busitema.ac.ug
Website: www.busitema.ac.ug

**AN INTERNSHIP REPORT CARRIED OUT AT BUSITEMA UNIVERSITY
ARAPAI FARM**

P.O. BOX 203, SOROTI FROM 1/ FEB/2020 TO 05/ 05/ 2022

COMPILED BY: OCHENG TOBIAS BRIEN
REGISTRATION NUMBER: BU/UP/2022/ 2913
STUDENT NUMBER: 200040 2913.
TEL. CONTACT: +256-773994530
E-MAIL ADDRESS: ochengongom@gmail.com



INTERNSHIP COURSE NUMBER: DAP1208, YEAR: 2022

UNIVERSITY NAME: BUSITEMA UNIVERSITY, FACULTY OF
AGRICULTURE AND ANIMAL SCIENCES-ARAPAI CAMPUS

P.O. BOX 203, SOROTI

**THIS INTERNSHIP REPORT IS SUBMITTED TO THE DEPARTMENT
OF AGRIBUSINESS AND EXTENSION IN PARTIAL FULFILLMENT
FOR THE REQUIREMENT OF THE AWARD OF DIPLOMA IN ANIMAL
PRODUCTION AND MANAGEMENT OF BUSITEMA UNIVERSITY**

DECLARATION AND APPROVAL

I, **OCHENG TOBIAS BRIEN** declare that this report is of my own effort and hard work and it has never been submitted to any academic institution for any award.

SIGN.....  DATE: 18/05/2022

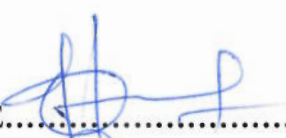
APPROVED BY FIELD SUPERVISOR

SIGNATURE: OPESWA JOSEPA DATE: 18th/05/2022

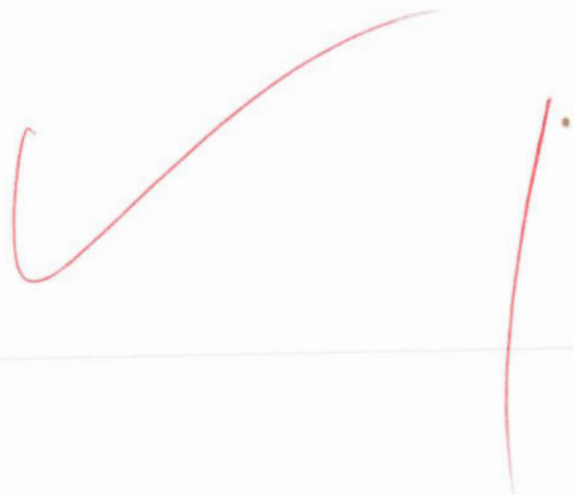
NAME: OPESWA

STAMP:

APPROVAL BY UNIVERSITY SUPERVISOR

SIGNATURE  DATE: 18/05/2022

NAME Dr. Okway Patrick



DEDICATION

I would like to dedicate this report to my beloved mother **Dr. Mary Ejang**, my **brother Roggers**, **Sisters: Fiona, Mercy, Berna, Finnella, Juliet and baby Gracious**. You cared and supported me in all ways during my internship period. I pray the Good Lord continue supporting you in your endeavors.



ACKNOWLEDGEMENT

I would like to express my gratitude to all the staff of Busitema university for all the services they offered to me during the course of training, which made my stay and learning colorful. In a special way, let me appreciate the efforts OF **DR OKWANY PATRICK** in taking us through the various practices in the institute. In addition, I owe a deep sense of appreciation and gratitude to **MR EWALU MOSES** who took us through dairy farming practices.

It would be a very big omission if I do not recognize the efforts of my dear mother **Dr. Mary Ejang**, for the mothering, caring, loving and all you have done for me, mum am grateful. My brother **Roy, Jonna** and sisters **Fiona, Mercy, Juliet, Berna, Finnella and Baby Gracious**, and my humble, kind friend **Joan, Christine, Debi and Dan**, you supported and encourage me throughout the training period. May the Good Lord bless you for all the care, company and love you extended to me during the training?

Those whose names I cannot put here one by one for the material, financial and moral support they granted unto me which made me very successful in the production of this report.

Lastly let me say a word of thank to all my lecturers of Arapai Campus who have been imparting a lot of knowledge in me during the course of my first year.

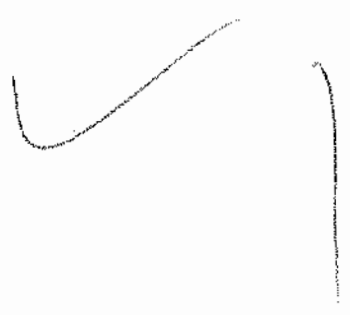
A large, handwritten mark consisting of a long, sweeping curve that starts from the left, goes up and over, and then comes down to a vertical line on the right. It appears to be a stylized signature or a checkmark.

TABLE OF CONTENTS

DECLARATION AND APPROVAL.....	ii
DEDICATION	iii
ACKNOWLEDGEMENT	iv
ABSTRACT	ix
CHAPTER ONE.....	1
INTRODUCTION BACKGROUND	1
1.1 Vision	1
1.2 Mission.....	1
1.3 Organisational structure of BUAC	2
1.4 Objectives of Industrial Training	2
CHAPTER TWO:	4
DESCRIPTION OF ATTACHMENT	4
2.1 Introduction	4
2.2 Orientation.....	4
2.3 Green house.....	4
2.3a definitions	4
Opening up a Nursery Bed	4
Factors considered when opening up a nursery were:.....	4
2.3d Requirements for establishing a nursery bed.....	5
Some common practices in Horticulture	5
2.3d Activities Carried Out	5
2.4 Agro-forestry	5
Fruit trees.....	5
Common practices in agro-forestry	6
Activities carried out in Agro-forestry	6
2.5 Dairy farming	6
Definition of dairy faming.....	6
Problems affecting dairy farming in Uganda	6
Solutions to problems affecting Dairy Industry in Uganda.....	7
Factors considered when establishing a dairy farm.....	7
Considerations when sitting a dairy farm.....	7

Breeds of exotic dairy cattle.....	8
Common tick-borne diseases of cattle.....	8
Activities carried out on dairy unit.....	8
2.6 Goat unit.....	9
Breeds of goats.....	9
Production systems of goats.....	9
Activities carried out in the Goats' unit.....	10
Common Parasites of Goats.....	10
2.7 Banana section.....	10
Stages of its growth.....	11
Activity carried out.....	11
Procedure of planting.....	11
Importance of growing banana.....	11
2.8 Piggery unit.....	11
Definition of piggery.....	11
Activities carried.....	12
The Equipment used in the piggery section.....	12
2.9 Cattle unit.....	12
Definition of Cattle keeping.....	12
Importance of cattle keeping.....	12
Activities carried out.....	12
2.10 Pasture management and establishment.....	13
Activities carried out.....	13
CHAPTER THREE.....	15
IMPACT OF ATTACHMENT.....	15
3.1 Skills and qualifications that I gained.....	15
3.2 Responsibilities under taken during the industrial training.....	15
3.3 How the attachment will influence my future career plans.....	16
3.4 Correlation of the industrial training activities with lecture room knowledge.....	16
3.5 Challenges.....	16
CHAPTER FOUR.....	17
CONCLUSION AND RECOMMENDATION.....	17

4.1 Conclusion.....	17
4.2 Recommendations	17

LIST OF TABLES

Table 1: Tick-borne diseases, causes, vectors, signs and symptoms and treatment/control.....	8
Table 2: Goat Breeds and their attributes	9
Table 3: Varieties of bananas	10
Table 4: Tick-borne diseases, causes, vectors, signs and symptoms and treatment/control	13

LIST OF FIGURES

Figure 1: Organisational structure of BUAC	2
--	---

ABSTRACT

This report is on industrial training which was carried out at Busitema university Arapai campus in soroti District in eastern Uganda from 28th/ 02/2022 to 5th 05/ 2022. The report is for an award of **Diploma in Animal Production and Management** in Busitema University's industrial training is of the module carried out by all the students at BU, it helps students relate what they have been taught in class with the real the real field work, This report has been made up of four chapters,

chapter one contains the background, location, size of the institute, mission, goal, objective and organizational structure. Busitema university Arapai farm is located at **Arapai, Sub-County, Soroti District** in eastern Uganda.

Chapter two contains activities carried out in different sections such as **green house**, in this section we carried out activities like fertile application, weeding, self-pollination, disease diagnose in tomatoes, **Goat Unit** where we carried out activities like spraying using caricide, pasture improvement, deworming, vaccination, general cleanliness, breed identification, disease diagnose and treatment. The third unit was **agro forestry** in this section we got involved in activities like grafting, budding, watering and planting rootstock The forth unit is **Dairy Section** where we carried out activities like spraying using deworming, vaccination, treatment, disease diagnosis , general cleanliness, **cattle section** we got involved in treatment, general cleanliness, disease diagnosis and much more the next one was **piggery section** here we carried out breed identification, feed mixing, feed formulation, feeding castration, disease management and cleaning

Chapter three contains problems faced during the training in the field e.g. Overcrowding of students, shortage of working and learning materials.

Chapter four contains the conclusion and recommendation on the field experience. In conclusion of all the challenges and problem faced during the course of the industrial training, Industrial was successfully, wonderfully and smoothly carried out with all the practical skills and knowledge gained to the fullest of my ability.

I would to recommend the farm management to buy more learning and working material to ease the learning processes at the farm and I would also move head to recommend university to create public awareness about the campus farm so as more students would come and partake of the skills

and knowledge so as to improve of our country socially and economically since agriculture is the back bone of the country.



x

CHAPTER ONE

INTRODUCTION BACKGROUND

Busitema university is a public university established by the statutory instrument No. 22,2007 enacted by the parliament of Uganda on 10th May, 2007 with a web site of www.busitema.ac.ug.

The university is a multi-campus model with seven campuses namely; Arapai, Busitema, Kaliro, Mbale, Nagongera, Pallisa and Namasagali.

BUAC/ Arapai campus is a faculty of agriculture and animal sciences located at the former Arapai agricultural college which was built by a colonialist Sir Andrew Cohen in 1956.

Recently in 2009, it was upgraded as an independent public university known as BUAC offering academic programs on certificate (C G A), diploma (D C P, and D A P), and bachelor programs (A P M, B A B, and B S A).

The faculty is located in Arapai sub county in Soroti district along Moroto road 10 km away from Soroti town.

1.1 Vision

To be a centre of academic and professional excellence in science, technology and innovation.

1.2 Mission

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