



**BUSITEMA
UNIVERSITY**
Pursuing Excellence

44
60

P.O. Box 236, Tororo, Uganda
Gen: +256 - 45 444 8838
Fax: +256 - 45 4436517
Email: info@adm.busitema.ac.ug

www.busitema.ac.ug

INDUSTRIAL TRAINING REPORT CARRIED OUT AT BUSITEMA UNIVERSITY

ARAPAI CAMPUS FARM-SOROTI DISTRICT

DATE; FROM FEBRUARY 28th 2022 TO 1st MAY 2022



COMPILED

BY:

OKINEI AUGUSTINE

DCP

REG NO: BU/UG/2020/2388

EMAIL ADDRESS: kokeastone@gmail.com

INTERSHIP COURSE CODE DCP: 1208

BUSITEMA UNIVERSITY ARAPAI CAMPUS

**SUBMITTED TO THE DEPARTMENT OF AGRIBUSINESS AND EXTENTION FOR
PARTIAL FULFILMENT OF THE REQUIREMENTS FOR THE AWARD OF
ADIPLOMA IN CROP PRODUCTION AND MANAGEMENT OF BUSITEMA
UNIVERSITY ARAPAI CAMPUS**

DATE OF SUBMISSION.....18th /05/2022.....


APPROVAL

This report is submitted with the approval of

FIELD SUPERVISOR

MR.OPIO MOSES

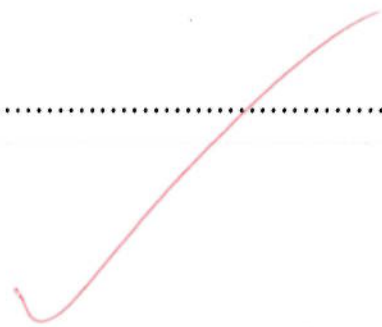
.....

SIGNATURE.....  DATE..... th 18/05/2022.....

ACADEMIC SUPERVISOR

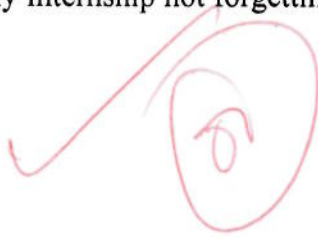
Sign.....  Date.....

DR.OKWANY PATRICK.



DEDICATION

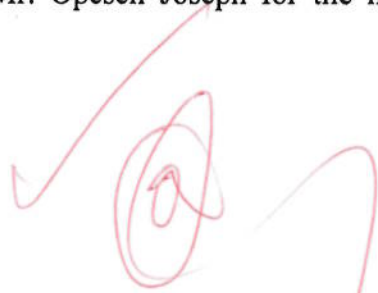
This report is dedicated to my parents Okiror Kalisto and Ikulumet Mary and my friends for their support during time of my internship not forgetting the staff of Busitema University Arapai campus.



BUSITEMA UNIVERSITY LIBRARY
CLASS NO.
ACCESS NO. FAA 1948

ACKNOWLEDGEMENT

I wish to extend my sincere gratitude to my colleagues the great team work we shared during the internship exercise, I would also like to thank the management and staff of Busitema University Arapai Campus farm especially the farm manager Dr. Okwany Patrick and my field supervisors Mr. opio, Mr.Ewalu Moses and Mr. Opesen Joseph for the help rendered to me during the internship exercise.

A large, stylized red signature or scribble, possibly representing the author's name, is written in red ink. It features a central circular loop with several smaller loops and flourishes extending outwards.

LIST OF ABBREVIATIONS

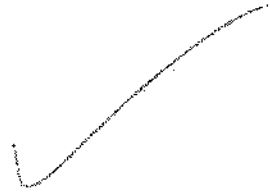
BUAC:	Busitema University Arapai campus
IT:	Industrial Training
ECF:	East Coast Fever
EG:	For Example,
IE:	That's to say
CBPP:	Contagious Bovine plouralpnuemonia
MGT:	Management
CLIDE:	Community livestock integrated development consultants
Mr:	Mister
Mrs.:	Misses
DCP:	Diploma in crop production and management
BAB:	Bachelor in agribusiness management
BSA:	Bachelor in science in agriculture

TABLE OF CONTENTS

DECLARATION	i
APPROVAL.....	ii
DEDICATION	iii
ACKNOWLEDGEMENT	iv
LIST OF ABBREVIATIONS	v
TABLE OF CONTENTS.....	vi
LIST OF TABLES AND FIGUERS.....	ix
ABSTRACT.....	x
CHAPTER ONE	1
1.0. INTRODUCTION.....	1
1.1. Definition.	1
1.2. Background.	1
1.3. Purpose and objectives.....	1
1.4. Methodology.	1
1.5. Objectives of the industrial training.....	2
1.6. Vision.....	2
1.7. Mission.....	2
1.8. Address.....	2
1.9. TYPE OF OWNERSHIP	3
1.10. SERVICES OFFERED BY THE FARM.....	3
1.11. SECTOR	3
1.12. BENEFICIARIES	3
1.13. RESPONSIBILITIES UNDER TAKEN BY THE FARM.....	3
1.14. STRUCTURAL ORGANIZATION OF THE FARM	4
CHAPTER TWO	5
2.0. DESCRIPTION OF ATTACHMENT.....	5
2.0. Description of the activities carried out on weekly basis with the respective tools used.....	5
2.1. BANANA PLANTATION	5
2.1.1. Types of banana suckers	5
2.1.2. Banana varieties	6
2.1.3. BANANA MANANAGENENT PRACTICES.	6
2.2. CATTLE	7

2.2.1. SPRAYING OF THE CATTLE.....	7
2.2.2. TREATING OF THE CALF.....	7
2.2.3. Dehorning of cattle.....	7
2.2.4. CLEANING OF THE CALF PENS AND MILKING PARLOR.....	8
2.2.5. TREATING OF THE CALF.....	8
2.3.0. PIGGERY	9
2.3.1. ROUTINE PRACTICES IN PIGSTY.....	9
2.3.2. Feed formulation	9
2.3.3. Castration in pigs.....	10
2.3.4. TREATMENT OF A PIG	11
2.4.0. SMALL RUMINANTS	11
2.4.1. CLEANING OF GOATS UNIT.	11
2.4.2. PHYSICAL EXAMINATION OF THE GOATS.....	11
2.4.3. BREEDS OF GOATS	12
2.4.4. SPRAYING OF THE GOATS.....	12
2.4.5. TREATING OF THE KID	13
2.4.6. DEHORNING OF THE GOAT.	13
2.5.0. DAIRY SECTION	14
2.5.1. CLEANING OF THE DAIRY UNIT	14
2.5.2. COLLECTING OF THE FEEDS/ PASTURES.....	14
2.5.3. CHOPPING OF THE FEEDS AND FEEDING OF THE DAIRY ANIMALS.	14
2.5.4. BODY CONDITION SCORING IN DAIRY COWS.	15
2.6.0. GREEN HOUSE.....	17
2.6.1. Components of a green house.....	17
2.6.2. Activities carried out in the green house.....	17
2.6.3. Agroforestry	17
2.6.4. Grafting and budding	18
2.7.0. MUSHROOM SECTION	19
2.7.1. PREPARATION OF SUBSTRATES.	19
2.7.2. Steaming of the substrates.....	19
2.7.3. INOCULATION AND INCUBATION.....	19
2.8.0. MAIZE SECTION	20
2.8.1. Preparation of plot.....	20
2.8.2. PLANTING OF MAIZE	20

2.9.0. BANANA SECTION.....	20
2.9.1. WORKING ON MY BANANA PLANTATION PLOT.....	20
CHAPTER THREE.....	22
3.0. IMPACT OF ATTACHMENT.....	22
3.1 Skills gained.....	22
3.2 Responsibilities undertaken.....	22
3.3 HOW THE TRAINING RELATES TO CLASS WORK.....	23
3.4 CHALLENGES FACED DURING THE INDUSTRIAL TRAINING.....	23
CHAPTER FOUR.....	24
4.0. CONCLUSION AND RECOMMENDATIONS.....	24
4.1 Conclusion.....	24
4.2 Recommendations.....	24
APPENDICES.....	25
Appendix 1: Work plan for the entire internship.....	25
APPENDICES 2: PHOTOS.....	28
Figure 2 Substrate making Figure 3 orientation.....	28
APPENDICES 3: MAP OF BUSITEMA UNIVERSITY FARM.....	29
APPENDICES 4 Reference.....	30



LIST OF TABLES AND FIGUERS

Figure 1 shows the organization of the farm from top to bottom.....	4
Figure 2 animal deworming	28
Figure 3 chopping napier grass.	Error! Bookmark not defined.
Figure 4 map of Arapai campus farm	29
Table 1Banana varieties	6
Table 2showing crude protein requirement by category of pigs	9
Table 3Crude protein requirement by breeding stock	10
Table 4 Showing description of dairy cow's weight and temperature	16



ABSTRACT

This report covers the entire internship and it clearly states the activities I carried out during the industrial training, knowledge and skills obtained during the entire program. Internship was majorly carried out to provide skills and knowledge obtained in practical's to students. And it also help to socialize students with the other community people since they go to different training centers/ farms and institutions. This report indicates the key activities that I carried out during the internship in different section in the campus farm which comprise of both crop and animal sections as indicated in chapter two,

During the internship, I carried out various activities and I attained more knowledge and skills as shown in chapter three.

During the internship I also faced some challenges such as unfavorable weather conditions, delayed assessment, walking long distances to the sites and delayed signing of the weekly logbooks. I do recommend the University to motorize the chaff cutter other than depending on the manual hand work. I do recommend the University to renovate farm structures like cattle dips, spray race.

Though I encountered challenges but I managed them and the industrial training was successfully done.

CHAPTER ONE

1.0. INTRODUCTION

1.1. Definition.

The internship program started on 28/ February /2022 and ended on 1st /May/2022 [For 10 weeks]. Internship is one of the modules offered by students as an attribute to the awards of Certificates, Diplomas, and Degrees. And it's mainly for advancing students to gain more skills and knowledge mainly in practical. And it also helps to socialize students with the other community people since they go to different training centers/ farms.

1.2. Background.

The faculty of Agriculture and Animal science started operation in 2010 taking over from Arapai Agricultural College that had been existence since 1952 offering diploma and certificates to Agriculture related subjects.

Its located 10kilometers along Soroti –Moroto Road

1.3. Purpose and objectives

- ✓ To build confidence in students.
- ✓ To enable students benefit from the skills learnt from the field.
- ✓ To share experience between the farmers and students
- ✓ To enable students apply classroom knowledge in the fields.

1.4. Methodology.

During the internship program, the students had to apply to various training institutions/ farms for their internship/ industrial training whereby they were given acceptance letters which they submitted to Busitema University Arapai Campus for the directives during assessment

While in the implementation of the internship program, there were some ethical considerations that were to be observed by the students while working with the farmers, supervisors and community. Some of these were;