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BUSITEMA UNIVERSITY ARAPAI CAMPUS

FACULTY OF AGRICULTURE AND ANIMAL SCIENCE

**A REPORT ON SKILLS ATTAINED DURING INDUSTRIAL TRAINING AT
BUSITEMA UNIVERSITY ARAPAI FARM**

COMPILED BY

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COURSE: DIPLOMA IN CROP PRODUCTION AND MANAGEMENT

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DATE: 17th / 05 / 2022

SIGN:

**A REPORT TO BE SUBMITTED TO THE DEPARTMENT OF AGRIBUSINESS AND
EXTENSION**

**IN PARTIAL FULFILMENT OF AWARD OF DIPLOMA IN CROP PRODUCTION
AND MANAGEMENT**

BUSITEMA UNIVERSITY

DECLARATION

I CHIPA Sarah Miriam declare that this work has been done by me as a result of industrial training I had at BUAC farm and it has not been submitted for award of diploma in crop production and management in any other university.

Field supervisor

Name: OPESENI JOSEPH

Sign: 

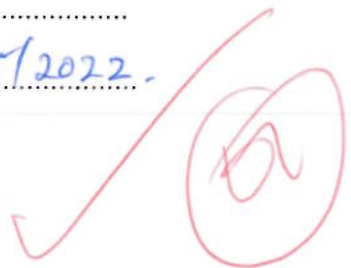
Date: 17th 05/2022

Student

Name: CHIPA SARAH MIRIAM

Sign: 

Date: 17th/05/2022



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DEDICATION

This work is dedicated to my family especially my husband Mr. Angura David Yonason who supported me not only academically but also in all aspects of life and he is still supporting me up to now.

I also dedicate to my coursemates in DCP, other programs like DAP, CGA, AGB, BSA's as a sign of encouragement for academic enhancement may Almighty God bless you abundantly.



ACKNOWLEDGEMENT

First and foremost I would like to thank the Almighty God who has protected me through the training period. Then I extend my gratitude to the farm manager Mr. Okwany Patrick and the entire staff of university farm especially Mr. Opesen Joseph, Mr. Ewalu Moses and Mr. Opio Moses for accepting me to do my industrial training in the university farm.

Your infinite assistance, guidance, generosity and tolerance during the training will not be forgotten.

I also wish to extend my sincere gratitude and appreciation to all the students especially Okalebo Steven, Opio Raphael, Apolot Oliver, Asekenye Mary Goretty, Wuwechi Phiona, Kusemerware Florence, Opeitum, Sunday Merciline, Opolot Joseph and many others with whom co-operated during our stay at BUAC farm. May God bless and reward you abundantly for the kindness and sympathy towards me during the training.




TABLE OF CONTENTS

Contents

DECLARATION	i
DEDICATION.....	ii
ACKNOWLEDGEMENT	iii
TABLE OF CONTENTS.....	iv
LIST OF ABBREVIATIONS	vi
LIST OF TABLES AND FIGURES	vii
ABSTRACT	viii
CHAPTER ONE.....	1
1.0 INTRODUCTION	1
1.1 BACKGROUND	1
1.2. ADDRESS	1
1.3:. VISION.....	1
1.4. MISSION.....	1
1.5: FACULTY OF AGRICULTURE AND ANIMAL SCIENCE MANDATE	1
1.6. OBJECTIVES	2
1.7 ORGANIZATIONAL STRUCTURE OF BUSITEMA UNIVERSITY-ARAPAI CAMPUS	3
CHAPTER TWO	4
2.0 DESCRIPTION OF ATTACHMENT	4
2.1 Banana plantation.....	4
2.2. Orchard	5
2.3. Greenhouse	6
2.4 .From week 4, 5 and week7	8
2.5 Small ruminants	13

2.6 Napier grass establishment and planting maize.....	19
CHAPTER THREE	20
3.0 Impacts of the attachment	20
3.1 Social conditions	20
3.2 Skills and qualifications acquired.....	20
3.3 Responsibilities undertaken during industrial training	21
3.4 Influence of the training	21
3.5 Correlation of activities with classroom knowledge.....	21
CHAPTER FOUR	22
4.0 Conclusion	22
4.1 Recommendations.....	22
4.2 Appendices	23
REFERENCE	32

LIST OF ABBREVIATIONS

BUAC: Busitema university Arapai campus

DCP: Diploma in crop production and management

DAP: Diploma in animal production and management

CGA: Certificate in general agriculture

AGB: Bachelors of agribusiness

BSA: Bachelors of science in agriculture

i.e:That is to say.

e.g:for example.

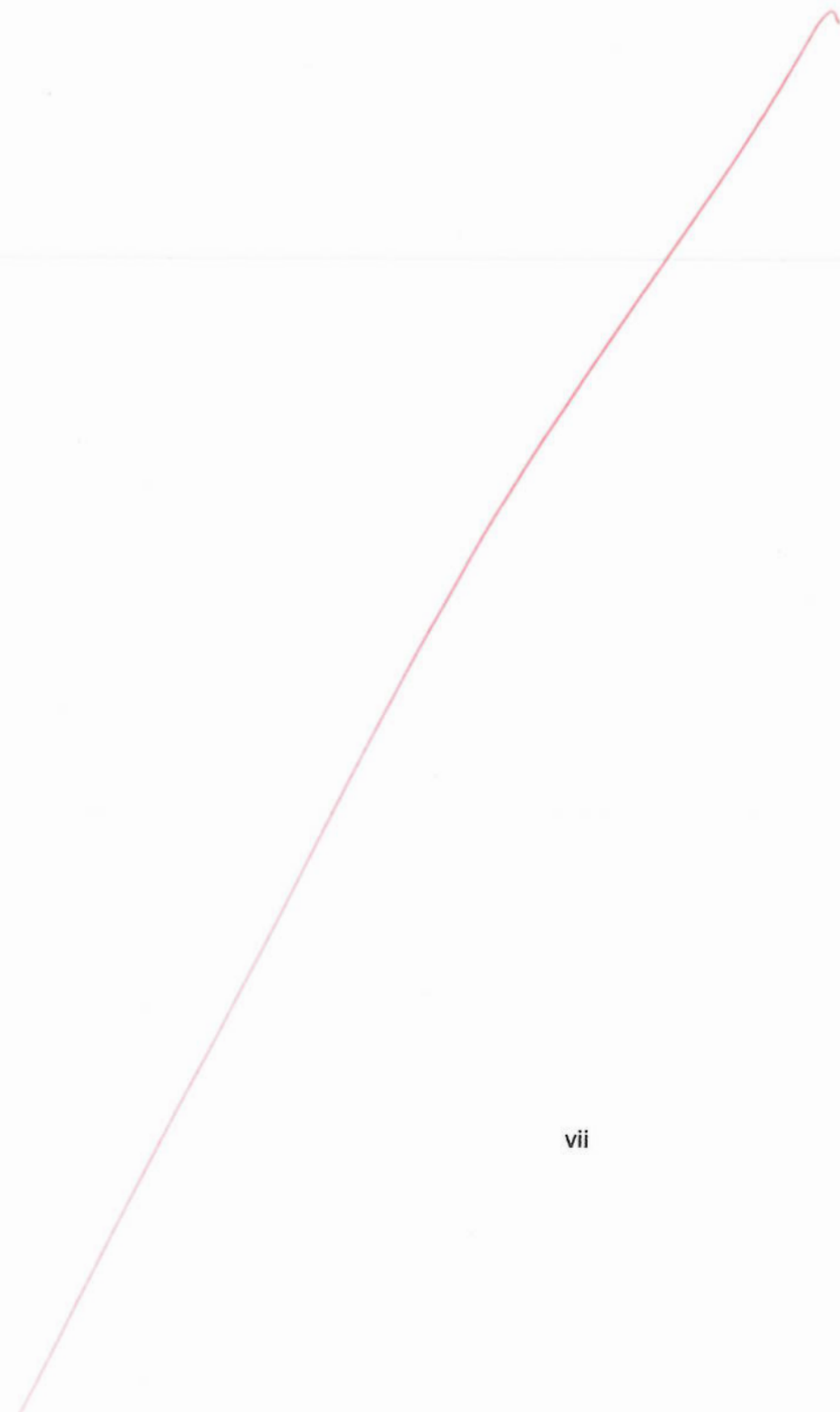


LIST OF TABLES AND FIGURES

Table 1 shows drug identification, usage and routes of drug administration.

Table 2 shows stock taking or record keeping carried out at the goats unit.

Table 3,4,5,6,7 work plan for the activities carried out during industrial training at Busitema university -Arapai farm.



ABSTRACT

Industrial training is one the course module carried out by students at the end of first year. It is mandated to train and empower students with skills in various sections under the Faculty of agriculture and animal science in program that is animal and crop production. Being a center of academics and professional excellence in science, technology and innovation all courses offered under this Faculty, students are exposed to practical aspects in the field in form of farm practice, community outreach and industrial training and research for all. I.T is a practical module module carried out by students at BUAC. This industrial training is allocated its own period and it started from 28th/Feb/2022 to 1st/May/2022 and in total, the practice is always conducted within ten weeks.

Generally, the industrial training is designed to give students hands on experience in agriculture production where students acquire skills and knowledge o.n various activities by converting the theoretical knowledge from class into practical skills. This I.T was carried out by certificate students, Diploma in crop production, Diploma in animal production and Bachelor students.

Industrial training has various sections which students are supposed to handle and these include; orchard, green house, cattle section, piggery section, small ruminants, pastures.

The following are some of the activities that we did in crop department; pests and disease identification and control, pruning of tomatoes, trellising, fertilizer application, weeding, earthing up, gap filling, rougueing.

In animal department, the activities include; tick control in animals, disease investigation and diagnosis, treatment of animals, feed formulation, cleaning the animal units, feeding the animals, watering the animals, aging the animals especially goats, temperature taking among others.



CHAPTER ONE

1.0 INTRODUCTION

Busitema university is a public university established by statutory instrument No:22,2007 enacted by parliament of Uganda on 10th May 2007. The university is a multi-campus model with seven campuses namely; Busitema, Arapai, Kaliro, Mbale, Namasagali, Nagongera and Pallisa. The university opened its doors to the first Cohort of students on 3rd October, 2007.

1.1 BACKGROUND

Arapai campus is a branch of Busitema university under the faculty of agriculture and animal science started operations in 2010 taking over from Arapai Agricultural College that had been in existence since 1952 offering Diplomas and certificates to agriculture related subjects.

Arapai campus is based at Arapai National College, Soroti on Moroto road 10km from Soroti town.

1.2. ADDRESS

Busitema university

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1.3.: VISION

A centre of academic and professional excellence in science, technology and innovation.

1.4. MISSION

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

1.5: FACULTY OF AGRICULTURE AND ANIMAL SCIENCE MANDATE

To conduct strategic and applied research in crop and animal science, agroforestry, agriculture and agribusiness.