



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

**FACULTY OF AGRICULTURE AND ANIMAL SCIENCES ARAPAI CAMPUS  
INDUSTRIAL ATTACHMENT REPORT CONDUCTED FROM BUSITEMA  
UNIVERSITY ARAPAI CAMPUS FARM ON 28<sup>TH</sup> FEB TO 22<sup>ND</sup> APRIL 2022.**

**COMPILED BY:**

**NAME: CHELIMO MARKOSE**

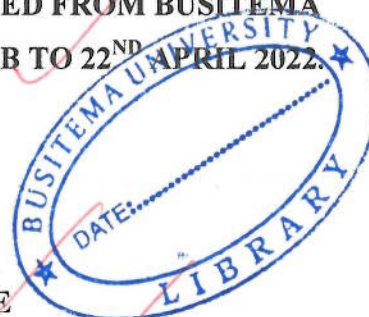
**REGISTRATION NUMBER: BU/UP/2020/2012**

**COURSE: DIPLOMA IN CROP PRODUCTION AND MANAGEMENT**

**COURSE CODE: DCP 1208 INDUSTRIAL TRAINING**

**TEL: 0751651298**

**EMAIL: chelimomarkose@gmail.com**



*Handwritten signature in red ink, circled.*


**TO BE SUBMITTED TO BUSITEMA UNIVERSITY FACULTY OF AGRICULTURE  
AND ANIMAL SCIENCES ARAPAI CAMPUS UNDER THE DEPARTMENT OF  
AGRIBUSINESS FOR THE PARTIAL FULLFILMENT OF AWARD OF DIPLOMA IN  
CROP PRODUCTION AND MANAGEMT OF BUSITEMA UNIVERSITY**

**MAY 2022.**

**DECLARATION.**

I **Chelimo Markose** declare that this report is entirely the work of my hand s and it has never been submitted elsewhere for the award of any diploma in crop production and management or any academic clarification.

Name: Chelimo Markose.....

Signature: .....

Date: 18th/05/2022.....



**APPROVAL.**

This is to certify that this report was solemnly done by Chelimo Markose as this information was collected during the course of industrial training of 10 weeks at BUAC farm.

Field supervisor: .....

Signature: .....

Date: .....

BUSITEMA UNIVERSITY LIBRARY  
CLASS NO. ....  
ACCESS NO. FAA 1929

**Dedication.**

I Chelimo markose dedicate this report to my beloved parents Mr juma chepsigor and Mrs fanice Chebet alongside my brothers and sisters Cherop Levi, kibet Samuel Jonathan and chemutai joy, Ruth chepkwemoi and Emma chemusto.i further extend my dedications to my lecturers and friends who supported me in the field

A handwritten signature in red ink, consisting of a stylized, cursive script that is difficult to decipher. The signature appears to be written in a single stroke, with a large loop at the end.

**ACKNOWLEDGEMENT.**

I would like to thank God for the gift of life and all his goodness, protection and good health He provided me during the course of the attachment.

I would also like to thank my field supervisors and farm attendants for their endless help and guidance they provided to me during the the course of the attachment.

My thanks also go to the teaching staff of BUAC who first polished me with crop production and management knowledge which I later used in the field during the course of I.T.



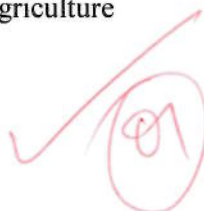
2.11 Pruning.....	11
2.12 Staking.....	11
2.13 Variety identification.....	12
2.14 Record taking .....	13
2.15 Repairing farm structures.....	13
2.16 Potting soil.....	13
2.17 Field Marking.....	13
2.18 Budding citrus.....	14
2.19 Planting citrus.....	15
2.20 DAIRY UNIT.....	15
<b>CHAPTER THREE:</b> .....	<b>16</b>
3.0 IMPACT OF THE ATTACHMENT.....	16
3.1 Skills and qualifications gained from the attachment.....	16
3.2 Responsibilities undertaken during the attachment.....	16
3.4 How the attachment activities are correlated with class room knowledge.....	16
3.5 CHALLENGES FACED DURING THE ATTACHMENT.....	17
<b>CHAPTER FOUR:</b> .....	<b>18</b>
<b>4.0 CONCLUSIONS AND RECOMMENDATIONS.</b> .....	<b>18</b>
4.1 CONCLUSIONS.....	18
4.2 RECOMMENDATIONS.....	18
<b>APPENDICES</b> .....	<b>19</b>
Appendix 1 Work plan of industrial training activities carried at BUAC farm.....	19
Appendix 2 showing the map of Busitema university Arapai campus.....	22

## **LISTS OF ABBREVIATIONS.**

The following are the short word forms that exist in this report.

### Abbreviation

I.T	Industrial training
BUAC	Busitema University Arapai Campus
E.C.F	East coast fever
Mr.	Mister
Dr.	Doctor
BAB	Bachelor in Agribusiness and extension.
DCP	Diploma in Crop production and management
DAP	Diploma in Animal production and management
C G A	Certificate in general agriculture



**LISTS OF TABLES AND FIGURES.**

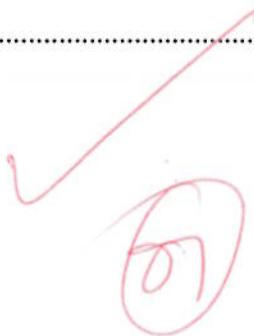
Table 1 Crop pests identification ..... 12

Figure 1 ORGANISATIONAL STRUCTURE OF BUAC ..... 4

Figure 2 shows feed mixing ..... 23

Figure 3 shows spraying of goats ..... 23

Figure 4 shows orientation ..... 23





## ABSTRACT.

This industrial training report was carried out at Buac farm, located 10 kilometers away from soroti city along soroti moroto high way in soroti district from 28th February 2022 to 22nd April 2022. In this industrial training I was attached to 10 sections both animal and crop which included cattle, small ruminants, dairy, piggery ( animal department) and banana, orchard and mushroom, green house, and maize section. The main objectives of the training was to equip students with basic practical skills while relating with the theoretical classroom knowledge learned. The source of the information was the field assistants while in the field, visual observation in the field and face to face interactions with other fellow internship students in the same field. The report comprises of four chapters which include chapter one comprising of the background, location, mission, vision, mandate objectives and organisational structure, chapter two contains activities carried out in the field which included field marking, spraying, weeding, restraining, manuring, feed collection, chaff cutting, disbudding, castration, grafting, drug administration e.t.c. Chapter three contains the skills and qualifications attained, responsibilities undertaken, challenges encountered, influence of the attachment on my future career and correlation of the attachment to the classroom knowledge learned. Chapter four contains the conclusions and recommendations. The following skills were gained during the I.T, land marking skill to enable row planting and correct plant population, skill of drug administration and the skill of aging in goats e.t.c. however some challenges were encountered during the course of the attachment e.g scorching sunshine which hindered effective practicals, lack of team work by some students, lack of some sections at the farm, the chaff cutter was too heavy to be rotated manually by students while cutting the chaff. In conclusion, I.T was educative, equipped me with practical skills which further made it more efficient and successfully carried lastly, I would like to recommend the Buac administration to implement the use of mechanical power to rotate the chaff cutter for faster and quality chaff cutting which will be more palatable to the dairy animals



## **CHAPTER ONE: INTRODUCTION.**

Industrial training refers to the work experience that is relevant to professional development prior to the graduation. Industrial Training constitutes a complete module of the training.

Students are given placement letters which they submit to different farms, organizations and government agriculturally related places basing on type of career one is interested in.

Later acceptance letters are submitted to the department of Agri- business and extension department

I.T was conducted at BUAC farm found in eastern region Arapai sub county Soroti district.

Industrial training was carried out alongside routine academic programmes or at the end of first academic year for a period 10 weeks.

The training commenced on 21<sup>st</sup> May 2018 to 16<sup>th</sup> July 2018 always beginning at 8:00a.m to 5:00 pm from Monday to Friday of every week of study.

It was done by visiting different farm sections of both animal and crop departments where respective personnel or field supervisor, and farm attendants guided us on different attachment activities carried out during the course of the attachment.

I.T assessment was conducted by the university academic supervisor Dr. Okwany Patrick.

### **1.1 BACKGROUND.**

Busitema university is a public university established by the statutory instrument No. 22,2007 enacted by the parliament of Uganda on 10<sup>th</sup> May, 2007 with a web site of [www.busitema.ac.ug](http://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.