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**BUSITEMA UNIVERSITY FACULTY OF AGRICULTURE AND ANIMAL
SCIENCES**

**INDUSTRIAL ATTACHMENT REPORT CONDUCTED FROM BUSITEMA
UNIVERSITY FARM**

ARAPAI CAMPUS FARM FROM 28TH FEBRUARY 2022 TO 28TH APRIL 2022



COMPILED BY

ETOKE NICKSON

BU/UP/2019/2415

DIPLOMA IN CROP PRODUCTIO AND MANAGEMENT

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**SUBMITTED TO BUSITEMA UNIVERSITY FACULTY OF AGRICULTURE AND
ANIMAL SCIENCES DEPARTMENT OF AGRIBUSINESS AND EXTENSION IN
THE PARTIAL FULFILMENT FOR THE REQUIREMENT OF THE AWARD IN
DIPLOMA IN CROP PRODUCTION AND MANAGEMENT.**

TABLE OF CONTENTS.....	i
DECLARATION.....	ii
DEDICATION.....	iii
ACKNOWLEDGEMENTS.....	iv
LIST OF ABBREVIATIONS.....	v
LIST OF TABLES AND FIGURES.....	vi
ABSTRACT.....	vii
CHAPTER ONE:	1
INTRODUCTION.....	1
BACKGROUND.....	2
VISION, MISSION AND OBJECTIVES OF THE UNIVERSITY	3
COLABORATION.....	4
OBJECTIVES OF INTERN.....	4
CHAPTER TWO.....	5
DESCRIPTION OF ATTACHMENT.....	5
ORIENTATION.....	5
BANANA PLANTATION.....	5
GREEN HOUSE.....	5
Activities, weeding, pruning, cucumber planting, seedbed preparation.....	6
ORCHARD.....	6
PIGGERY SECTION.....	7
Activities; cleaning, feed formulation, castration, drug identification.....	7-8
CATTLE SECTION.....	9

Activities; disbudding, castration, spraying, disease diagnosis and treatment.....	10
SMALL RUMINANTS.....	11
Activities; castration, spraying, counting, cleaning.....	11
DIARY SECTION.....	12
PLOT OF ATTACHMENT.....	12
Activities; land preparation, planting, weeding.....	13
CHAPTER THREE.....	14
SKILLS AND KNOWLEDGE GAINED.....	14
CHALLENGES FACED.....	14
RESPONSIBILITIES UNDERTAKEN.....	14-15
INFLUNCE ON CAREER.....	15
CHAPTER FOUR.....	16
CONCLUSION.....	16
RECOMMENDATIONS.....	16
APPENDICES.....	17
Photos taken during attachment.....	17
WORK PLAN DURING INTERNSHIP.....	18
ORGANISATIONAL STRUCTURE.....	19
REFERENCES.....	20

Declaration

I **ETOKE NICKSON** do declare that the information in this report is my own and its not any individual and has not been submitted to any institution or organisation for award of any academic program.

Student

Signature: 

Date: 5th / 05 / 2022

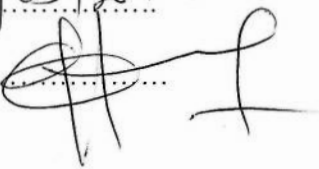
Field supervisor

Signature: 

Date: 5th / 05 / 2022

Academic supervyisor

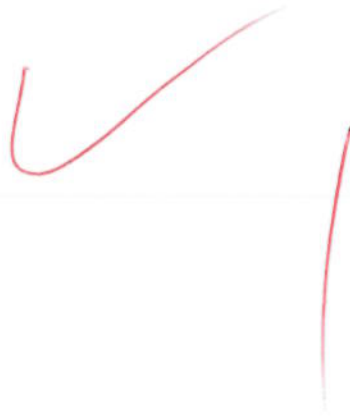
Date: 5 / 05 / 2022

Signature: 



DEDICATION

I dedicate this report to the Almighty God for his guidance and spiritual support during my time of study. I would also like to dedicate to my beloved parents, brothers and sisters. Not forgetting my lovely friends for their support during the exercise.



ACKNOWLEDGEMENT

I thank Busitema University Arapai campus for having offered me a place to do my internship, especially the farm manager Dr. Okwany Patrick and the field supervisors Mr. Opesen Joseph and Ewalu Moses Patrick and the support staff for their tireless efforts and support during my IT.

LIST OF ABBREVIATIONS:

ICM: integrated crop management.

FAO: Food and Agricultural Organization.

CAN: calcium Ammonium Nitrate.

CM: centimeter.

IPM: Integrated Pest Management.

GHGS: Greenhouse Gases

IITA: international institute of Agriculture.

OTC: oxytetracycline



LIST OF TABLES AND FIGURES:

Table 1; showing banana diseases, symptoms, transmissions and control measures taken.

Table 2; showing banana pests, damage cause, symptoms and control measures

Table 3; showing active ingredient of drug, rout of administration, dosage and function of drug.

Table 4; showing work plan for the activities I carried out during industrial training attachment programs in crop and animal sections.



ABSTRACT:

This report contains and describes the activities that were done skills and knowledge attained by students, challenges faced in the course of the it, conclusion of the report and the recommendations that were got from the training. The objective of the it is to benefit students with the practical knowledge and skills applied the theoretical knowledge got from the classroom and the field and also derive confidence in them.

During the it, orientation was done in the first week by the farm manager, group allocation to the different crop and animal departments., where we were introduced to the banana plantation where we carried out weeding, pruning, manuring, seedbed preparation, field marking, at the crop section. Whikle at the animal section, the activities performed include; cleaning, mixing feeds, disease diagnosis, drug identification and use, worming, treatment, disbudding, spraying, castration, pasture planting.

This activities benefited us a lot and we attained a variety of skills such as treatment of different diseases, castration, feed formulation, communication skills and self confidence.

Although during the it, we were faced by challeges such as prolonged drought that affected the crop section mostly and also part of the animal section, insufficient support staff. Therefore, I would like to recommend the university to recruit more support syaff to relive the present staff from overload.



CHAPTER ONE

1.0 INTRODUCTION.

Busitema University is a public university established by statutory instrument NO. 22, 2007 enacted by parliament on 10th.may, 2007. The university is a multi-campus model with seven campuses namely; Arapai, Busitema, Kallio, Mable, Nagongera, pallisa and Namasagali.

1.1 BACKGROUND OF ARAPAI CAMPUS FARM BUSITEMA UNIVERSITY.

The Faculty of Agriculture and Animal sciences started operations in 2010 taking over from Arapai Agricultural College that had existed from 1952 offering Diplomas and Certificates to agriculture related subjects.

1.2. LOCATION OF BUSITEMA UNIVERSITY ARAPAI CAMPUS FARM.

The farm is located in Eastern Uganda 10KM along Soroti-Moroto road.

1.3. THE VISION OF BUSITEMA UNIVERSITY.

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

1.4. MISSION.

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

1.5. OBJECTIVES OF THE UNIVERSITY.

- To be the standard of excellence and innovation for societal transformation.
- To be a leader in integrating scholarships and practice.
- To encourage staff and students in creative and rewarding learners so as to enhance economic and societal development of Uganda and beyond.
- To assist local communities to build their capacity for social-economic enhancement.
- To be global in perspective, organization and activity.

1.6. COLLABORATION.

Busitema University conducts its activities in collaboration with;

- Universities such as Makerere, Gulu and other local and foreign universities or institutions.
- NGOS for instance CD, SOCADIDO and action aid.
- International agricultural research centers (IITA, NASARRI)