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**AN INDUSTRIAL TRAINING REPORT CARRIED IN BUSITEMA UNIVERSITY
ARAPAI CAMPUS FARM**

FROM 16th/5/2016 - 22nd/7/2016

PREPARED IN BY

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**TO BE SUBMITTED TO THE DEPARTMENT OF AGRIBUSINESS AND EXTENTION
FOR PARTIAL FULFILMENT OF MARKS FOR THE AWARD OF DIPLOMA IN
ANIMAL PRODUCTION AND MANAGEMENT**

DATE OF SUBMISSION.....13th/9/2016.....

DECLARATION

I **Opolot Ben** declare to the best of my knowledge and ability that the information presented on this report is truly done by me and it is not a copy of any report.

Signature..... *[Handwritten Signature]*.....

Date..... *13th 9/2016*.....

This report has been supervised and approved by the following personnel's

NAME OF THE FIELD SUPERVISOR..... *Mutukane Tito*.....

SIGNATURE..... *[Handwritten Signature]*.....

DATE..... *13th 09/2016*.....

NAME OF ACADEMIC SUPERVISOR..... *Mr. Olopot Julius*.....

SIGNATURE..... *Mr. Olopot Julius*.....

DATE..... *13th 9/2016*.....



DEDICATION

With great pleasure and honor, I would like to dedicate this report to my parents for supporting me financially, materially, spiritually, during my internship not forgetting my field supervisors for their great directive and management for guiding me in effective training. MAY GOD BLESS YOU ALL.

ACKNOWLEDGEMENT

The producer/writer of this report would like to acknowledge the many friends, colleagues, students, and advisers who have helped in the production of this report

In particular, I wish to thank the farm management of busitema university arapai campus farm

Which included the following?

The author is indebted to Dr Okwany Patrick, Mr. Mutume Tito, Mr. Oonyu Source Peter, Mr. Muhindo William, and Mr. Ocham Silvestry and many others.

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| | |
|-------------------|---|
| BUAC | Busitema university arapai campus |
| RCC | Resident campus commissioner |
| F/M | Farm manager |
| HOD | Heads of departments |
| T/A | Teaching assistants |
| APM | Bachelor in animal production |
| DAP | Diploma in animal production and management |
| DCP | Diploma in crop production and management |
| CGA | Certificate in general agriculture |

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ABSTRACT

This report was conducted in Busitema University Arapai Campus Farm,

The farm is based on animals and crops husbandry, the animals include/cattle, pigs, small ruminants, rabbits, poultry, apiculture, and aquaculture

The crops include, perennials, like bananas, coffee, cereals, like maize, annuals like groundnuts, and vegetables, pastures, and botanical garden

The internship involved the following activities

Routine management activities in

The farm like, feeding, providing water, cleaning of farm

Houses e.g. piggery units, cattle structures like calf pens, water troughs etc

Spraying of animals against external parasites e.g. ticks mange.

Spraying crops against pests and diseases e.g. bacterial wilt, early and late blight on tomatoes

Pests like aphids, red spider mites, American, boll worm, etc

Identification of different crop varieties tomatoes e.g. money maker, tengeru, etc

Feed formulation, establishment of the Napier pasture grass, meat inspection done in Soroti

Abattoir treatment of animals against diseases e.g. skin mange, east coast fever and abscess,

The recommendations should be the following,

Improve on farm structures e.g. spray races, cattle kraals, piggery units, goat units, and farm fencing etc

Putting across the irrigation system to address issue of drought to improve on crop yields

Improve on the management systems of livestock like, zero grazing, padocking

Introduction other breeding system like artificial insemination services

To improve on the herd performance

Rehabilitation of the fish pond to improve on the depth, and stocking rate of fish spp

Fencing of the apiary to keep away pest and provision of feed supplements etc.

CHAPTER ONE

1.0 INTRODUCTION

The industrial training field attachment is always conducted after every first academic year of study

For a period of two months where students are attached to different firms/farms, organizations

After they are to be assessed by their Lecturers basing on what they have done in the field

Attached to afterwards they are expected to produce reports for the award of marks where they are to be submitted to the department of agri-business and extension.

As per Busitema University arapai campus farm, the following are the departments, livestock e.g. pigs, cattle, goats, poultry, apiary, aquaculture, and rabbits. The crops are vegetables like tomatoes, egg plants, beans, maize, water melon, carrots, green paper, banana plantations, paw paws, pineapples, etc

1.1 LOCATION OF THE FARM ORGANISATION

Busitema university arapai campus is located in north of Soroti town along moroto high way

And the farm is situated in the east of the campus under the management of the farm manager, assistant farm manager, and farm attendants.

The arapai campus farm is in the sub county of arapai, the area receives reliable rainfall which favors crops and animal production/rearing in the region.

1.2 THE OBJECTIVES OF THE FARM

- Increase government income/university
- Improve on the learners skills/study purposes to both students and the community
- Employment opportunities e.g. farm attendants, technical personnel's.