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A REPORT OF INDUSTRIAL TRAINING CARRIED-OUT AT MAKERERE UNIVERSITY
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FROM 20TH MAY TO 26TH JULY 2019

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SIGN.....

COURSE CODE: DCP 1208

COURSE MODULE: INDUSTRIAL TRAINING

COURSE: DIPLOMA IN CROP PRODUCTION AND MANAGEMENT

REPORT SUBMITTED TO THE FACULTY OF AGRICULTURE AND ANIMAL SCIENCES
FOR THE PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE AWARD OF THE
DIPLOMA IN CROP PRODUCTION AND MANAGEMENT OF BUSITEMA UNIVERSITY

AUGUST 2019

DECLARATION

I AJUMA BOB declare that the information contained in this report is got from my own findings and has never been submitted to any other institution for any award.

Signature..... AB

Date..... 19th / 7 / 2019

APPROVAL

This is to certify that this report submitted by AJUMA BOB to the department of Crop Production and Management in regard to all activities entitled in MUARIK farm and accomplished with minimum supervision under the approval of;

Sign..... *[Signature]*

Date..... 20/7/2019

MR. TWEYAMBE CHRYSOSTOM
(Field supervisor)

(11)

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DEDICATION

I dedicate my internship report to my father Mr. Mwesige Christopher who contributed tirelessly during my attachment and writing of this report. May the Almighty God bless them abundantly and give her success throughout their lives.

I also extend my sincere gratitude to those who helped me materially

Above all, I thank the Almighty God for seeing me through the training and the protection he offered to me, May the Glory and Honour be to his name.

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ACKNOWLEDGEMENT

I thank the almighty God who has granted me with an enormous gift of life up to the end of my training.

I also extend my appreciation to the heads of department and staff of Makerere University Agricultural Research Institute Kabanyolo (Muarik) especially the farm manager for allowing me to carry out the training from the institute.

I wish to acknowledge my beloved sister and brother, our principal, tutors for their effort, guidance and support during the training and may the almighty God reward them abundantly.

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LIST OF ABBREVIATIONS

BUAC: Busitema University Arapai Campus.

MUARIK: Makerere University Agricultural Research Institute Kabanyolo.

DCP: Diploma in Crop Production and Management.

ETC: Excreta.

EG: For Example.

NAMSOY: Namulonge Soybean.

ASSIST: Assistant.

ECF: East Coast Fever.

Maksoy: Makerere Soybean.

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ABSTRACT

This report consists of all the activities carried out from Monday 20th /05/2019 and ended on Friday 26th /07/2019 during the course of the internship. The internship was carried out for ten weeks at MUARIK. This was to accomplish the requirements that were needed for the award of a diploma in crop production and management at Busitema University which was aimed at transforming the theoretical knowledge learnt in class into practical.

This report contains four chapters and it clearly describes the details of activities both practical and lectures that we performed at MUARIK.

Chapter one describes MUARIK, the historical back ground, vision, and mission, and purpose, objectives of the training, the location and the organization structure of MUARIK,

Chapter two describes the set of activities I got involved in at MUARIK i.e. Dairy where we did milking, Horticulture where we did soil sterilization, grafting and budding. Banana where we learnt its propagation, factors for its growth. Coffee where we learnt its types, its requirements Vermi-culture where we studied rearing of earthworms, their uses, breeds and their consumption Aquaculture where we saw the types of fish, factors for rearing them. Pasture and grassland management, Soybean, maize among others

Chapter three summarizes the impacts of the attachment i.e. skills gained like milking, pruning of coffee and banana. Responsibilities under taken Influence of the attachment to my future career plans, correlation of attachment activities with classroom knowledge and the various challenges faced during the period of any attachment.

Chapter four contains the recommendations like time keeping of supervisors and conclusion.

The report concludes with the appendix containing work plan of the attachment period, my photographs and the references for future review of the discussed sections



CHAPTER ONE

1.0 INTRODUCTION

Makerere University Agricultural Research institute, Kabanyolo (MUARIK) is the arm of the university that interfaces with the National Agricultural research system (NARS. Makerere University Agricultural Research institute, Kabanyolo farm was established in 1953, and upgraded to a fully-fledged research institute in 1992 under the College of Agricultural and Environmental Sciences' School of Agricultural Sciences.

1.1. HISTORICAL BACKGROUND OF MUARIK

In 1912, Kabaka Nsedo Kibirige was given 294 acres of Kabanyolo in appreciation to what he had done.

In 1914, Another Chief Kyetumilan Birigwagu was given 67 acres.

In 1916, the two Kabaka's formed an alliance and planned how the land could be put under one land title; they removed from the Mailo land to Lease land. When they had transformed it into Lease hold, the government was under British protectorate.

In 1922, there was a decision to start up a technical institution and it was started at Makerere Kavure by the British. That was aiming at publicating traditional tools.

In 1927, MUARIK was surveyed by the British. This land was rented to a cotton growing company known as Kirri Cotton Company.

In 1933, Cotton became abundantly produced and it lost value or market for cotton was no longer its original position.

In 1937, Mr. Donkeyman innovated floriculture farming at Mengo and it became popular hence leading to the down fall of cotton growing.