



DECLARATION

I KIBIRIGE JACOB 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 Where
Date. 19 19 07/2619

APPROVAL

This is to certify that this report submitted by KIBIRIGE JACOB 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....

Date.

MR. TWEYAMBE CHRYSOSTOM

(Field supervisor)

DEDICATION

I dedicate my internship report to my dad Mr Kabuye Wilson and my mum Mrs. Takola Sarah who are holding my candle of success for their financial support, care, love and protection they gave me during my course. You have laid for me a firm foundation that I will always remember. Also, it is dedicated to my friends Sembera Yoas James, Wanduzu Andrew who are supporting, advising and encouraging me to complete the course successfully. May the almighty God bless you abundantly.



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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 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

: Exetra.

Foc)

: Fusarium oxysporum f.sp cubense

EG

: For Example.

NAMSOY

: Namulonge Soybean.

ÍΑΑ

: Inoline acceteline acid

NAA

: Netherate accesetiline acid

ASSIST

: Assistant.

ECF

: East Coast Fever.

Maksoy

: Makerere Soybean.

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ABSTRACT

I compiled this study report during industrial training that begun on Monday 20th /05/2019 and ended on Friday 26th/07/2019. The training was for ten weeks and was carried out at MUARIK. This was to fulfill the requirements needed for the award of a diploma in crop production and management of Busitema University, putting much of the theoretical knowledge learnt in class into practice, acquire practical skills in farm management and get exposed to the working environment

This Industrial training report contains of 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, Maize, Banana, Coffee, , Aquaculture, and Soybean, under each section various activities were done such as pathology, entomology, agronomy, breeding (pollination).

Chapter three summarizes the impacts of the attachment i.e. skills gained, 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 to MUARIK and conclusion, Appendices, Work plan and References.

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.

In 1953, it was given to Makerere by Ferguson free of charge and went back to England in other words he donated it to Makerere as a University College. It was called Kampala University College.

1.2. LOCATION OF MUARIK

MUARIK is located in Wakiso District, County of Kyadondo East, Sub-county of Nangabo, Kasangati Municipality in Gayaza Parish.). It is located 21 Km north of Kampala along the Gayaza-Zirobwe road