



P.O. Box 236, Tororo, Ugenda Gen: +256 - 45 444 8838 Fax: +256 - 45 4438517

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A REPORT OF INDUSTRIAL TRAINING CARRIEDOUT AT MAKERERE UNIVERSITY AGRICULTURAL RESEARCH INSTITUTE KABANYOLO (MUARIK) P.O BOX 7062, KAMPALA, UGANDA

DIRECTOR: +256782324841/FARM MANAGER: +256751180238

EMAIL:MUARIK@CAES.MAK.AC.UG

FROM 20TH/05/2019-27TH/07/2019

COMPILED BY

NAME: ISIKO JOANITA NAMUKISA

BU/UG/2018/4062

COURSE: DIPLOMA IN CROP PRODUCTION AND MANAGEMENT

EMAIL: joanjicky12@gmail.com

COURSE CODE: DCP 1208

A REPORT TO BE SUBMITTED TO THE DEPARTMENT OF AGRIBUSINESS
AND EXTENSION FACULTY OF AGRICULTURE AND ANIMAL SCIENCES FOR
THE PARTIAL FULFILLMENT OF REQUIREMENTS FOR AWARD OF
DIPLOMA IN ANIMAL PRODUCTION AND MANAGEMENT AT BUSITEMA
UNIVERSITY

AUGUST 2019

DECLARATION

I ISIKO JOANITA NAMUKISA 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 iiii
Date 19th July 2019

APPROVAL

This is to certify that this report submitted by ISIKO JOANITA NAMUKISA 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 Aurico

Date 2011 301)

MR. TWEYAMBE CHRYSOSTOM

(Field supervisor)

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DEDICATION

I dedicate my internship report to my mum Mrs. Nabakooza Rosemary Mbabazi, my auntie Baseka Jessica, my uncle Malinzi Stephern, my brothers and all those who in one way or the other contributed tirelessly during my attachment and writing of this report. May the Almighty God bless them abundantly and give them 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.



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.

TABLE OF CONTENTS

Contents	
DECLARATION	
DEDICATION	i
ACKNOWLEDGEMENT	iì
TABLE OF CONTENTS.	iv
LIST OF ABBREVIATIONS	
LIST OF FIGURES AND TABLES	
ABSTRACT	EX
CHAPTER ONE	1
1.0 INTRODUCTION	1
1.1. HISTORICAL BACKGROUND OF MUARIK	1
1.2. LOCATION OF MUARIK	
1.3. MISSION:	2
1.4. VISION:	
1.5. OBJECTIVES	EE
1.6 FACILITIES:	3
1.7: THE ORGANISATION STRUCTURE OF MUARIK	4
CHAPTER TWO	
2.0 DESCRIPTION OF ACTIVITIES CARRIED OUT WHILE AT MUARIK	5
2.1 DAIRY MANAGEMENT.	
2.1.1 Reasons for carrying out Dairy Farming:	£
2.1.2 Examples of Dairy Animals at the institute:	
2.1.3 Diseases of Dairy Animals	·
2.1.4 Characteristics of a good Dairy cow	
2.1.5 Hay making	
2.1.6 Hay bailing	
2.1.7 Silege making	
2.2 BANANA (Muse spp)	
2.2.1 Banana propagation observed while in the plantation;	
2.2.2 What to consider during planting of banana.	

2.2.3 Pruning in bananas	
2.3.4 Major banana pests we observed were the following:	·
2.3.5 Major diseases of banana as we observed and studied are;	10
2.3 SOY BEANS (Gycine max)	
2.3.1 Agronomy of Soy Bean	<u> </u>
2.3.2 Breeding of Soy Bean	
2.3.3 Soy Bean Entomology	14
2.4 MAIZE SECTION (Zeu mays) PROGRAMME	16
2.4.1Maize Agronomy	16
2.5.2 Breeding of Maize	15
2.5.3 Maize Pathology	16
2.5.4 Maize Entomology	***************************************
2.5 HORTICULTURE SECTION	i8
2.5.1Vegetative propagation	18
2.5.2 Grafting	18
2.5.3 Macotting	19
2.5.4 Entomology	20
2.5.5 Pathology	20
2.6 COFFEE MANAGEMENT	
2.6.1 Types of coffee	21
2.6.2 Crop requirements	21
2.6.3 Plant manipulation	21
2.6.4 Distinguishing characteristics between Arabica and Robusta	
2.6.5 Planting of coffee	
2.6.6 Weed control	23
2.6.7. Diseases of coffee	
2.7. VERMI-CULTURE	
2.7.1 Requirements	
2.7.2 Demonstration (set up)	
2.7.3 Common species of worms	
2.7.4 Reproduction	
o decit et a forsfrum	

27
27
29
29
36
30
30
30
31
31
32
32
32
32
37
_

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.

LIST OF FIGURES AND TABLES

TARLES

Table 1	
Table 2	
FIGURES	
FIGURE 1: THE HIERARCHAL STRUCTURE OF MUARIK	
ż	
Figure 1 showing disease identification in coffee	38
Figure 2 showing mulching in the banana plantation	38



ABSTRACT

Industrial training(IT) programme started on 20th May and went through June and ended on 26th, making the months of May, June and July year 2019 a busy period for me at Makerere University Agricultural Reasearch Institute Kabanyolo (MUARIK.) for the purpose of industrial training. The training was for ten weeks 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, Horticulture, Banana, Coffee, Vermi-culture, Aquaculture, Pasture 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.