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**AN INDUSTRIAL TRAINING REPORT CARRIED OUT AT  
MAKERERE UNIVERSITY AGRICULTURAL RESEARCH INSTITUTE KABANYOLO  
(MUARIK)**

**COMPILED BY**

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**TO BE SUBMITTED TO THE DEPARTMENT OF AGRI-BUSINESS AND RURAL  
EXTENSION, FACULTY OF AGRICULTURE AND ANIMAL SCIENCE OF BUSITEMA  
UNIVERSITY ARAPAI CAMPUS FOR PARTIAL FULFILLMENT OF REQUIREMENT  
FOR AWARD OF DIPLOMA IN CROP PRODUCTION AND MANAGEMENT.**

**FROM: 20<sup>TH</sup> JUNE TO 27<sup>TH</sup>, JULY 2019**

## DECLARATIONS

I NAMATAKA GLORIA declare that this report is my original copy and has never been submitted to any institution of learning for any award.

Sign:  .....

Date: 26<sup>th</sup> 07 / 2019 .....

### Approval

The industrial training was carried out on various issues under the instructions and careful guidance from attendants.

This report has been supervised and submitted with the approval of the following;

1. SIGN:  .....

DATE: 27/7/2019 .....

MR. TWEYAMBE CHYRSISTOM  
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## **DEDICATION**

I Namataka Gloria dedicate this piece of work to the Almighty God who has enabled me to complete .I also dedicate it to my beloved mother Nabuduwa Margret , my aunt Nabafu Rose and Negesa Agnes who have supported me to successfully complete my industrial training.

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## **ACKNOWLEDGEMENT**

I extend my sincere gratitude to the Director of MUARIK and the Manager for allowing me to carry out my industrial training at the institute.

Special thanks goes to Mr. Agamba Isaa who helped me in editing and polishing of this report.

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## TABLE OF CONTENTS



### Contents

DECLARATIONS.....	i
DEDICATION.....	ii
ACKNOWLEDGEMENT.....	iii
TABLE OF CONTENTS.....	iv
LIST OF ABBREVIATIONS.....	vi
LIST OF TABLES AND FIGURES.....	vii
ABSTRACT.....	viii
1:0: CHAPTER ONE: HISTORICAL BACKGROUND OF MUARIK.....	1
1.1 INTRODUCTION.....	1
1.2 LOCATION OF MUARIK.....	1
1.3 MISSION OF MUARIK.....	1
1.4 VISION OF MUARIK.....	2
1.5 OBJECTIVES OF MUARIK.....	2
1.6 ORGANISATION STRUCTURE.....	2
CHAPTER TWO: DESCRIPTION OF ATTACHMENT.....	3
2:1 DAIRY PRODUCTION AND MANAGEMENT.....	3
2:1:1 TREATMENT:.....	4
2:2:0: GOATS REARING AND MANAGEMENT.....	5
2:2:1 SYSTEMS OF GOATS REARING.....	5
2:2:2 BREEDS OF GOATS.....	5
2:2:3 ACTIVITIES DONE IN GOAT MANAGEMENT.....	5
2:2:4 PIGGERY PRODUCTION.....	6
2:2:5: TYPES OF PIGS / BREEDS.....	6
2:2:6: HEALTH.....	6
2:2:7 ADVANTAGES OF PIG KEEPING.....	7
2:2:8 FACTORS WHICH CAN INFLUENCE THE TYPES OF PIG FARMS IN ANY.....	7
2:2:8 DISEASE CONTROL IN PIGS.....	8
2:2:9: CASTRATING PIGLETS.....	8
2:3 PASTURE MANAGEMENT.....	9
2:3:1 INTRODUCTION:.....	9
2:3:2 CHARACTERISTICS OF A GOOD PASTURE PLANT.....	10
2:3:3 SOME OF COMMON PASTURE.....	10
2:3:4 COMMON TERMS USED IN CONNECTION TO GRAZING.....	11
2:4:0: POULTRY MANAGEMENT.....	11
2:4:1 BROODER.....	11
2:4:2 ACTIVITIES DONE IN POULTRY.....	12
2:4:3 VACCINATION PROGRAMME FOR EACH TYPE OF BIRDS.....	12
2:4:4 ROOT OF DRUG ADMINISTRATION.....	13
2:5:0: APICULTURE.....	14
2:5:1: BEE KEEPING.....	14
2:5:2 IMPORTANCE OF BEE KEEPING.....	14
2:5:3: TYPES OF BEES.....	14

2:5:4: MATING OF THE QUEEN.....	15
2:5:5: PESTS AND DISEASES .....	15
2:6:0: FISH FARMING .....	16
2:6:1 INTRODUCTION .....	16
2:6:2: TYPES OF FISH.....	16
2:7:0: FARM STRUCTURES .....	18
2:7:1: WORKSHOP TOOLS.....	18
2:8:0: PERENNIAL CROPS .....	21
2:8:1: BANANA (Musa spp).....	21
2:8:2: CLASSIFICATION OF BANANAS .....	21
2:8:3: PRACTICES CARRIED OUT IN BANANAS .....	22
2:8:4: HOW PATHOGENS AFFECT THE PLANT .....	23
2:9:0: COFFEE MANAGEMENT .....	24
2:9:1: PLANT MANIPULATION .....	25
CHAPTER THREE: Impact of attachment .....	26
3:1: Skills and knowledge.....	26
3:2: Responsibilities undertaken.....	26
3:3: Correlation of the attachment and class.....	26
3:4: CHALLENGES.....	26
CHAPTER FOUR: RECOMMENDATION AND CONCLUSION .....	27
4.1 CONCLUSTIONS.....	27
4.2 RECOMMENDATION.....	27
APPENDICES:.....	28
Appendix 1: MAP OF MUARIK .....	28
PHOTOS SHOWING MY PARTICIPATION IN THE FIELD .....	29
WORK PLAN.....	30
REFERENCES .....	33

## LIST OF ABBREVIATIONS

MUARIK.....Makerere University Agriculture Institute Kabanyolo

IAA.....Indoline acetylene acid

NAA.....Netherate acetylene acid

E.G.....For example

E.C.F.....East coast fever



## LIST OF TABLES AND FIGURES

### FIGURES

Figure 1 pest and disease identification in maize field.....	29
Figure 2 pruning in tomatoes.....	29

### TABLES

Table 1 SIGNS OF GOOD LAYERS AND POOR LAYERS.....	14
Table 2 PESTS IN BANANAS AND THEIR CONTROL MEASURES .....	23
table 3 differentiating characteristics between Arabica and Robusta coffee.....	24
Table 4 THE WORKPLAN.....	30

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## **ABSTRACT**

This report contains the activities carried out at MUARIK in Wakiso district which was conducted for 10 weeks. It has four main chapters detailed with the activities carried out during the field attachment activities at the station. Chapter one has the details of the institution like the introduction, back ground, location, mission, vision and the objectives. Chapter two contains a brief description of the activities carried out like management of crops like bananas and coffee, management of animals e.g. goats production ,piggery production, dairy production and management, poultry production, pasture management and its practices ,vermiculter etc. Chapter three has the aspects of the attachment like skills gained, qualifications and the challenges. Chapter four contains conclusions and the recommendations and lastly the appendices and the references.

7

## **1:0: CHAPTER ONE: HISTORICAL BACKGROUND OF MUARIK**

### **1.1 INTRODUCTION**

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

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

1916, the two Kabaka's formed an alliance and planned how the land could be put under one land title, they removed from the Milo 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**

Location: Wakiso District, County: Kyadondo East, Sub-county: Nangabo, Municipality: Kasangati, Parish: Gayaza and smallest unit is LC

Total land of MUARIK is (650h) its 19 kms to North of Kampalass

Climate is warm moist equatorial climate. Soils are a mixture of loams, sand and clay (Nit soil) or ferigiruned

Temperatures minimums (21-32<sup>o</sup>c), rainfall minimum 1100mm per annum

Vegetation species of tall grass, shrubs, tall scattered trees which are thornless.

Highest point is to the South and when it's heavily water runs from South to North.

### **1.3 MISSION OF MUARIK**

MUARIK mandate is training, Research, outreach and production for financial sustainability.