



**BUSITEMA
UNIVERSITY**
Pursuing Excellence

P.O. Box 236, Tororo, Uganda
Gen: +256 - 45 444 8838
Fax: +256 - 45 4436517
Email: info@adm.busitema.ac.ug

www.busitema.ac.ug

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**INTERNSHIP TRAINING REPORT HELD AT MAKERERE UNIVERSITY
AGRICULTURAL RESEARCH INSTITUTE KABANYOLO (MUARIK)**

NANGABO SUBCOUNTY, WAKISO DISTRICT

NAME: MUGOYA ELISHA CHARLES

YEAR OF STUDY: THREE

REG NO: BU/UP/2018/2296

EMAIL: mugovaelishacharles@gmail.com

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Makerere University
Agricultural Research Institute
Kabanyolo



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DECLARATION

I MUGOYA ELISHA CHARLES hereby declare that this report is my original work and that it has never been submitted to this or any other University for any academic award.

Sign: 

Date: 6/05/2022

APPROVAL

FIELD SUPERVISOR

MADAM AWALO MERCY

Signature: 

Makerere University
Agricultural Research Institute
Kabanyolo date: 6th 05/22

ACADEMIC SUPERVISOR

NAME: ETIANGA PATRICK

Signature: date:

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DEDICATION

I dedicate this report to my lovely dad Mr. Nagimesi Eddie for tirelessly supporting me and may the almighty God bless you abundantly

I also dedicate this report to my lectures Busitema University for their efforts in directing and guiding me academically.

ACKNOWLEDGEMENT

I would like to thank my farm supervisor Mrs. Awalo Mercy for her total devotion in guidance during my internship

I also acknowledge my lectures Busitema University for their efforts in directing and guiding me academically



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ABSTRACT

Makerere University Agricultural Research Institute Kabanyolo (MUARIK) is blessed with vast productive land that has allowed the setup of numerous agricultural enterprises or units on the farm managed by the farm manager, heads of sections, heads of units, the training coordinator and then general farm workers. These enterprises are; dairy production, pasture establishments, poultry section, piggery, banana production, vermiculture, banana section, aquaculture and so much more.

All these are well established on 230 hectares of land demarcated with different names and initials like C series where banana, poultry and pastures production takes place, F series where piggery and cassava production is done, E series where soybean production is done and so many series like Kyetume series, Nalyaamagonja series and A series where other different enterprises are located. With the help of the training coordinator, we are allocated to the different enterprises and handed over to the head of units and other workers with whom we work in harmony to complete the given tasks of the day hands on in the presence of the training coordinator, but before this all, we on a daily basis always have a dairy session every morning from 6:00 AM to 8:00 AM where we do hand and machine milking, routine dairy practices like castration and dehorning, bucket feeding the calves and so many other activities involved as will be mentioned in the report below. This report consists of four chapters that I s chapter one comprising of the introduction, chapter two consists of the activities that I participated in during my industrial training chapter three includes the impact of the industrial training and chapter four includes the conclusions and recommendations as far as my industrial training was concerned.

LIST OF ACRONYMS OR ABBREVIATIONS

MUARIK: Makerere University Agricultural Research Institute-Kabanyolo

I.T: Industrial Training

ECF: East coast fever

IMO: indigenous Micro organism

CAEC: Continuing Agricultural Education Centre

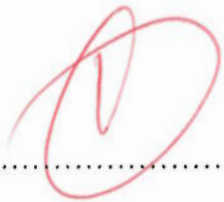
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CHAPTER ONE: INTRODUCTION

1.1 Historical background

The farm started in 1953, and upgraded into an independent research institute in 1996, it is owned by Makerere University under faculty of agriculture and environmental sciences. It became self-accounting in 1997 and the institute has taken on task of generating revenue to run most of its operations.

MUARIK offers opportunities to farmers, students of all levels and researchers to carry out their research by training them.

MUARIK offers a well-resourced environment for students of all levels and resources to carry out their internship and research.

1.2 Type of ownership

The institute is being funded by the government of Uganda, development partners and internally generated revenue

1.3 Location of MUARIK

MUARIK is located 19km North West of Kampala off Gayaza – Ziobwe road. It is found in Kabanyolo village, Nangabo Sub County, Wakiso district.

1.4 MUARIK field of business activity/responsibilities

Research

MUARIK carries out research in;-

Pasture management and improvement-department of Agricultural production

Soybean breeding and seed improvement- MUARIK

Earthworm breeding and improvement- department of agricultural production

Pig breeds improvement and multiplication-MUARIK

Pasture seed multiplication and conservation-MUARIK

2. Training