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AN INTERNSHIP REPORT CARRIED OUT AT
MAKERERE UNIVERSITY AGRICULTURAL
RESEARCH INSTITUTE KABANYOLO (MUARIK).
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DATE OF REPORT: May 6, 2022

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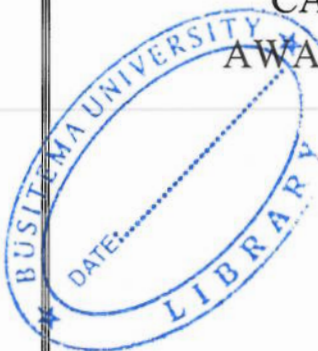
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SUPERVISED BY: DR. ETIANG PATRICK

AN INTERNSHIP REPORT SUBMITTED TO THE
DEPARTMENT OF AGRIBUSINESS AND
EXTENSION BUSITEMA UNIVERSITY ARAPAI
CAMPUS IN PARTIAL FULFILLMENT FOR THE
AWARD OF DIPLOMA IN ANIMAL PRODUCTION
AND MANAGEMENT.

FROM

28th FEB 2022 TO 22nd APRIL 2022




Makerere University
Agricultural Research Institute
Kabanyolo

DECLARATION

I **Kinyera Francis Paul** declare that the information contained in this report is my original work experience that I carried out through my own effort basing on my participation in the training at MUARIK farm.

compiled by;

Name: Kinyera Francis Paul

Sign:.....

Date:09/05/2022.....

APPROVAL

This report is to be submitted to BUAC and MUARIK for examination purposes only, with the approval of supervisors.

Signature:  Date: 18/05/22

MS. AWALO MERCY

(Field supervisor)

Signature:  Date: 18/05/2022

MR. ETIANG PATRICK

(Academic Supervisor.)



DEDICATION

I dedicate this report to my beloved parents and uncle especially the Damoi's family, staffs of MUARIK not forgetting my supervisor Dr. Etiang Patrick and Awalo Mercy for the massive support given to me during my training. May the almighty God bless them abundantly.

ACKNOWLEDGEMENT

I want to acknowledge my parents for the wonderful support they have rendered to me throughout this training programmes, their care and parental advice and guide which has made me successful may God reward them endlessly.

I also extend my sincere thanks to the field supervisor Ms. Awalo Mercy and Farm Manager MUARIK for their encouragement, guidance and supports they have offered to me during the training.

Lastly, special thanks also go to my academic supervisor..... For the care and cordial coordination during my internship training may God bless him abundantly Amen.

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LIST OF ABBREVIATION

MUARIK – Makerere University Agricultural Research
Institute Kabanyolo

BUAC- Busitema University Arapai Campus

CAES - College of Agricultural and Environmental Sciences

NARO – National Agricultural Research Organization

NAADS – National Agricultural and Advisory Services

FAO – Food and Agricultural Organization

KCCA – Kampala City Council Authority

Mgt- Management.

Ha – hectares

E.g. - For example

Etc. – among others

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ABSTRACT

The industrial training was carried out at MUARIK for a period of 2 months from 28th FEB to 22nd APRIL 2022. MUARIK participates in training students, farmers and carrying out research activities on Crop, Animal and Machine Department. The information here was collected in different ways which include consultation from technicians, field assistance, conducting experiment and discussing among our self(internees).

This report contains four chapters, chapter one has got Back ground of MUARIK i.e. it is a public institute established in 1953, Location of which it is located along Kampala-Gayaza-Zirobwe in Kabanyolo village, mission, vision, objectives and organization structure as well. Chapter two has activities attended at MUARK whereby at this farm we had two session attended to that is morning session that covers hand on skill activities and lectures in the afternoon session and the sections attended to are; Dairy, poultry, Banana, Pasture management, Soy bean, Horticulture, Vermi-culture, piggery, Coffee, Aquaculture, feed mill and farm Machinery. Chapter three contains skills gained, Responsibilities undertaken, Correlation of the activities with class room work, and challenges of which I faced the challenge few practical sessions especially in livestock and most cases we were taught theory which was important but not agent. Chapter four has conclusion and recommendation whereby I concluded that, the IT was successful due to maximum cooperation between both students and trainers. I now recommend MUARIK to conduct much of practical than theory.

CHAPTER ONE

BACKGROUND OF MUARIK

MUARIK is a public institution established in 1953 as a farm and upgraded to a fully-fledged research institute in 1996. It is owned by Makerere university under the college of Agriculture and environmental sciences (CAES).

MUARIK started with a total of 650 hectares of land. Soil is well drained, of low organic matter, pH range of 5.0-5.8 and the experience a total rainfall of around 1000mm per annum with the mean temperature of 21°C that offers conducive environment for students, researchers and farmers.

It interfaces with many organizations that aims at supporting education especially agriculture and these are; NARS, NAADS, NARO, FAO, USAID etc. that offers both financial and technical support. MUARIK therefore became self-accounting in 1997 and the institute took the task of generating revenue to run most of its farm operations although its is largely funded by the government of Uganda and other development partners.

1.1 LOCATION OF MUARIK

MUARIK is located 19km North West of Kampala along Gayaza Zairobwe road. It is found in kabanyolo village, Nangabo sub county, kyandondo east county, Wakiso District. MUARIK is adjacent to Gayaza high school and 6km from Namulonge research Station.