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INDUSTRIAL TRAINING REPORT ATACHEMENT CARRIED OUT AT MAKERER
UNIVERSITY AGRICULTURAL REASEARCH INSTITUTE KABANYOLO (MUARIK)

IN NANGABO SUB- COUNTY WAKISO DISTRICT

FROM 28th FEBRUARY TO 22nd APRIL 2022

COMPLIED BY:

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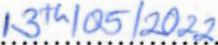
A REPORT SUBMITTED TO THE DEPARTMENT OF AGRIBUSINESS AND EXTENSION
FOR PARTIAL FULFILLMENT FOR THE AWARD OF DIPLOMA IN CROP
PRODUCTION AND MANAGEMENT OF BUSITEMA UNIVERSITY ARAPAI CAMPUS.

MAY 2022

DECLARATION



I BALABA JOSEPH BENJAMIN a student of Busitema University Arapai campus declare that all the findings presented in this report and all the attachments are correct to the best of my knowledge.

This work was compiled after my research and field study done at MAKERERE UNIVERSITY AGRICULTURE RESEARCH INSTITUTE KABANYOLO

Signature.....Date..........

BALABA JOSEPH BENJAMIN

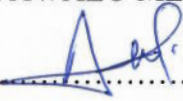


Signature..........Date..........

APPROVAL

FIELD SUPERVISOR


MADAM AWALO MERCY

Signature  Date 23rd / 05 / 22

Makerere University
Agricultural Research Institute
Kabanyolo

ACADEMIC SUPERVISOR

NAME: ETIANG PATRICK

Signature  Date 18 / 05 / 2022

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DEDICATION

I **BALABA JOSEPH BENJAMIN** dedicate this report to my father Mr. **MUTEBI JOSEPH** for great work done and support given morally and financially not forgetting my field supervisor Miss **ALAWA MERCY** and my good friends for advice given to me during the field study that may God reward them.

A handwritten signature in black ink, consisting of a long, sweeping stroke that curves upwards and ends in a small loop, followed by a small, stylized mark that resembles the number '1' or a similar character.

ACKNOWLEDGEMENT

I thank God for keeping me always and achieving all the knowledge from the Field instructors enabling me in this report writing .My thanks goes to the Manager of the farm coordinator of the farm Miss ALAWA MERCY for giving me the a chance to do my internship at their institute. I also thank my fellow student of BUSITEMA , KUMI , BUKALASA and the workers at the farm for enabling me to attain all what I hoped for my internship at kabanyolo farm though out these ten weeks without any problem may the almighty GOD reward you abundantly

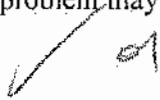


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LIST OF ABBREVIATION

MUARIK..... Makerere University Agricultural Research Institute Kabanyoro

BUAC..... Busitema University Arapai Campus

NARO..... National agricultural research organization

CBD.....Coffee Berry Disease

IPM.....Integrated pest management

Mr......Mister

Mrs......Miss

E.g...... for example

Etc......Extra

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ABSTRACT

This internship was held at MUARIK kabanyoro farm for 10 weeks from March to May, the main objective was to acquire practical skills in the field to boost my knowledge gained from class, To know how to plant various crops, To get to know different things from same organizations such as research institutes and animal farms, to know how nursery bed is prepared and managed.

I participated and played a role in all enterprises which were done at the farm. The activities were done on rotational sequence and I was engaged in various activities and enterprises like planting of coffee, maize, grafting, harvesting of banana, mixing and spraying herbicides and pesticides, fish farming, milking, soya bean production, pasture management, weeding in banana, manure application in banana, hydroponics, vermiculture. The intern program equipped me with technical skills which can help me to excel in life and become a better person. The supervisors, coordinators were good to me and were able to give me all the skills I needed. Though as a farm has challenges but it moving on well.

The major challenge was moving for a long distance for work but this can be solved by providing same vehicle or motorcycles that can transport the workers to and from the work place

OS

CHAPTER ONE: INTRODUCTION

Industrial training is a module which is conducted outside lecture room or out of university. It is essential because it gives students a chance to participate fully in practical aspects which enhance their skills and knowledge. This field work report was carried out at Makerere University Agricultural Research Institute (MUARIK)

1.1 LOCATION

MUARIK is located 19km north west of Kampala off Gayaza Township of Kampala. It is on the Gayaza road. It is found in Kabanyolo village Nangabo sub county Wakiso district.

1.2 HISTORICAL BACKGROUND

Makerere University Agricultural Research Institute Kabanyolo is a public institution established in 1996. It is owned by Makerere University under the college of Agriculture and environmental science. The institution became self-counting in 1996 and it has taken on the task of generating income to run most of its operation.

MUARIK is not a local government which implies that administratively it's through this that there is effective communication with the administrative structures. MUARIK is not autonomous, not semi-autonomous and therefore the director reports to the principle.

Politically administrative structures (governors), the director is the head of MUARIK who is also the principle of agriculture and environmental sciences, farm manager who has here assistants. The assistant first in charge of crops and operations, The second assistant in charge of all livestock and the third assistant in charge of finance. In brief MUARIK structures are composed of all types of farming ranging from crop to livestock which includes, piggery, horticulture, dairy, goat rearing, aquaculture, mechanization, coffee, soybean among many others.

The institute has three fundamental sections crop, animal and machinery section with the mandate to train students and farmers, researchers and other outreach program for the public to benefit.

1.3 OBJECTIVES