

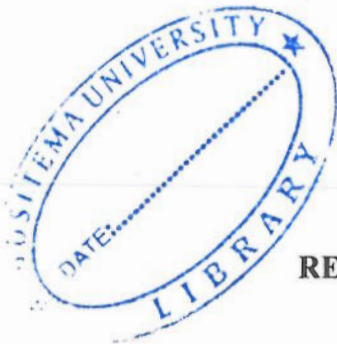


BUSITEMA UNIVERSITY
Pursuing Excellence

P.O. Box 236, Tororo
Gen: +256-454418842
Dir: +256-454448864
Mob: +256-782999874
Fax: +256-454436517
Email: ar@acadreg.busitema.ac.ug
Website: www.busitema.ac.ug

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**AREPORT OF INDUSTRIAL TRAINING CARRIED OUT AT ST. PAUL'S COLLEGE
,MBALE MIXED FARM FROM 28.FEB.2022 TO 22nd .APRIL.2022.**



COMPILED BY:

NAME: KHABUYA ZAKIA

REGISTRATION NUMBER: BU/UP/2020/1819

CODE: 1208

COURSE: DIPLOMA IN CROP PRODUCTION AND MANAGEMENT

TEL: 0776779894

EMAIL:zakiakhabuya@gmail.com

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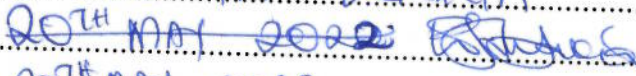
**A REPORT SUBMITTED TO THE DEPARTMENT OF AGRIBUSINESS
AND EXTENSSION FOR THE PARTIAL FULLFILMENT OF AWARD OF
A DIPLOMA IN CROP PRODUCTION AND MANAGEMENT.**

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DATE OF SUBMISSION:.....

DECLARATION

I **Khabuya Zakia** do declare that this report is the original copy and has never been submitted to any other institution for any need of award and it has been done to the best of my knowledge and effort.

Name: KHABUYA ZAKIA
Sign: 
Date: 20th MAY 2022

The report has been submitted with approval of my field supervisor.

Name: ONYINGE DAVID
Sign: 
Date: 20/05/2022



Headteacher

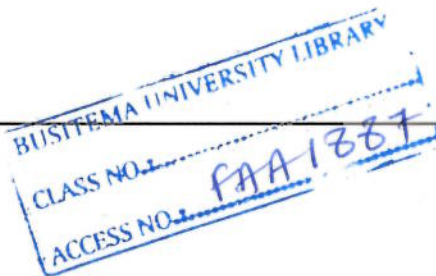
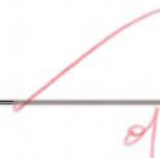
Name:
Sign:
Date:

Academic supervisor

Name: MR. MASANZA MICHEAL
Sign:
Date: 23rd/05/2022

DEDICATION

I dedicate my report to my parents **Malukhu Mukhamed** and my mother **Rehema Kakai** and my brothers Khamali Swaibu, Wakooba Sulai, Wanyela Sadick, Kuloba Swamidu, **Mutinye Abdinassir** and my sister Nandutu Zam for their support and encouragement "Education is the key to success" may the Almighty God reward you what you desire most in your life.



ACKNOWLEDGEMENT

I send my sincere thanks to the Almighty God for the gift of life given to all of us students who did internship from St. Paul's College, Mbale mixed farm and to both staffs of BUAC, St. Paul's Collage, Mbale mixed farm.

Besides that, I extend again my thanks to my parents, relatives and friends Malukhu Muhammed, Kakai Rehema and my brothers Khamali Swaibu, Wakoba Sulai, and my sister Nantutu Zam for guidance and financial support during exercise.

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LIST OF ABBREVIATION

NPK: NITROGEN PHOSPHORUS AND POTASSIUM

N₂: NITROGEN

BUAC: BUSTEMA UNIVERSITY ARAPAI CAMPUS

I.E: THAT IS TO SAY

E.G: FOR EXAMPLE

ETC: EXTRA

~~BTB: BLACK TWIG BORER~~

MMF: MBALE MIXED FARM

TEL: TELEPHONE

REG: NO. REGISTRATION NUMBER

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ABSTRACT SHEET

The internship was conducted at St. Paul's college, Mbale mixed farm, located in college cell, Namakwekwe ward, northern division, Mbale municipality in Mbale district along Soroti road 2km from Mbale town for a period of 8 weeks starting 28th February, 2022 to 22nd April, 2022.

The purpose of this farm was to impart students with practical skills and knowledge in order to meet the demands of the communities in the following areas as seen below:

Pasture management

We carried out activities like; cutting and collecting both Napier and brachiara species in preparation for raising new pasture gardens, planting them using Napier stem cutting and brachiara splits with the spacing of 1m x 1m, harvesting elephant grass to feed on animals and rejuvenate clearing weeds in paddocks to create space and reduce on competition.

Maize garden

We investigated the effects of all army worms on maize plants, pest management by setting up moth traps to trap the moths, spraying using hitcel, Eminent and AMDOCS to control fall army worms.

Green house activities

We carried out activities like: maintaining the components of green house, harrowing and leveling ridged soils in the green house, sprinkling water on the prepared ridges in the green house, dibbling holes on the well prepared ridges, planting different varieties of crop seeds.

Banana plantation

We carried out activities like: Minimum tillage to maintain the soil structure and texture and conserve soil moisture, we pruned them, pricking out some banana plants, opening water channels, measuring and making banana holes to review the garden.

Passion fruit garden

We dug pole holes for supporting passion fruit plants and branches, weeding, cutting and collecting poles for making the shade, measuring and cutting poles, treating the stand poles to prevent pest attack, spraying against spider mites and aphids, raising the treated poles, making the shade and pruning them.

Coffee plantation

We slashed weeds to prevent the outbreak of pests and diseases, pruning of coffee plantation pest management by spraying against coffee pest and diseases.

Planting of millet

Clearing the weeds from where we are going to plant, digging the garden and planting millet finally pest management by spraying against pests and diseases in millet.

of

CHAPTER ONE

1.0 Introduction

1.1 Introduction of the farm.

This farm is called St. Paul's college, Mbale mixed farm located in college cell, Namakwekwe ward, Northern Division Mbale Municipality in Mbale District along Mbale to Soroti road, 2km from Mbale town.

1.2 Background of the farm

This farm was founded in the year 1950s by Rev. Fr. Leonard Vandersalam from Holland as an agricultural and livestock farm under the Archdiocese of Tororo, Uganda. It started as a demonstration farm for agriculture and animal husbandry where it was seen as a leading producer of milk, eggs and pork.

The farm was critical in local population of breeding and was seen as source of all agricultural needs until 1972 due to political and economical unrest, the farm stopped progressing until when it was revived in early 1980s.

The economic environment in Uganda led to the repair of structures on the farm, recently a renew of interest in agriculture has expended the reach of the farm. It is currently targeting the youth in the surrounding areas to take interest in farming as a productive occupation. The farm has over 165 acres of crisp green farm land. This was conducted by recording method.

1.3 Objectives of the farm

To create an atmosphere for visitors to come and enjoy the natural beauty of Mbale and have real farm experiences.

To impart knowledge and skills to the young generation to the farmers in the community.

To provide practical education to students and to those interested in agricultural for application purposes in the society today.

To increase the productivity to meet the demands of the community.