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A REPORT ON INDUSTRIAL TRAINING CARRIED OUT AT NATIONAL
AGRICULTURAL RESEARCH ORGANISATION - MUKONO ZONAL RESEARCH
DEVELOPMENT INSTITUTE (NARO MUZARDI) KAMENYAMIGGO SATELLITE
STATION

IN KKINGO SUB- COUNTY LWENGO DISTRICT

FROM 28th FEBRUARY TO 6th MAY 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.



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DECLARATION

I Kakooza Vincent Batalazze 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 National Agricultural Research Organisation - Mukono Zonal Agricultural Research and Development Institute Kamenyamiggo Satellite station in Kkingo sub-county Lwengo district.

Signature *Katib* Date..... *06-05-2022*

KAKOOZA VINCENT BATALAZZE

Signature..... *[Signature]* Date..... *06/05/2022*

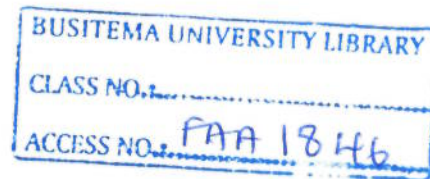
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MR.OKODOI NIGEL

FIELD SUPERVISOR

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

ACADEMIC SUPERVISOR



DEDICATION

I Kakooza Vincent Batalazze dedicate this report to my parents Mr. Kaweesi Gelasio and Mrs. Nambogga Josephine for great work done and support given both morally and financially not forgetting my field supervisors Mr. Okodoi, Mr. Tamale Charles, Mr Kirabo George for advice given to me during the field study that may God bless them.

ei

ACKNOWLEDGEMENT

I thank God for keeping me always and achieving all the knowledge from the instructors enabling me in writing this report .My sincere thanks goes to the Director of the research ,Human resource, farm manager for giving me the opportunity to carry my internship at their station.I thank my senior technician Mr. Okodoi ,Mr. George, Mr. Paul ,Field technician Mr. Paul, Mrs. Stella, Mr. Adrian ,Mr . Stanley for enabling me to acquire all what I hoped for my internship at NARO for which has ten weeks without any problem.

LIST OF ABBREVIATION

| | |
|--------------|---|
| MUZARDI..... | Mukono Zonal Agricultural and Development Institute |
| KMG STN..... | Kamenyamiggo station |
| NARO..... | National agricultural research organization |
| CBD..... | Coffee Berry Disease |
| IPM | Integrated pest management |
| M..... | Mister |
| Mrs..... | Miss |
| E.g..... | for example |
| Etc..... | Extra |
| CRBD..... | Complete Randomised Block Design |

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ABSTRACT:

This internship was held at NARO MUZARDI KMG STN in Lwengo district for 10 weeks, the main objective was to acquire practical skills in the field to boost my theoretical knowledge gained from class, to know how to propagate various crops, to get exposed to different organizations such as research institutes and animal farms, to know how nursery managements is done.

The activities carried out were; planting of coffee, beans, maize, groundnuts, grafting of apples, harvesting of hass avocado root stocks, data collection on maize and rice, mixing and spraying herbicides and pesticides, identification of pests and disease in the plantations of coffee and banana, field marking, using A-frame, using H-frame for constructing contours, arranging pots. The intern program was relevant and applicable as I was able to apply the knowledge from class to the practical work in the field, the supervisors were good and were open to give us all the skills we needed. Though as an organization it has challenges but it prospering. SS

The major challenge was poor road network but this can be solved by the community and the organization to put efforts together and develop the roads for easy transportation network.

CHAPTER ONE

1.0 INTRODUCTION

Industrial training is 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 Mukono zonal Agricultural Research and Development institute (MUZARDI) Kamenyamiggo satellite station in Lwengo district.

1.1 LOCATION.

Mukono Zonal Agricultural Research and Development Institute (MuZARDI) Kamenyamiggo satellite station is located in Kkingo sub-county in Lwengo District in Central Uganda. Branch off from Masaka Mbarara highway at Kyabakuza Trading Centre, turn right along Mateete Lwebitakuli road to Sselinnya village and then to Kamenyamiggo Trading Centre.

1.2 HISTORICAL BACK GROUND.

Kamenyamiggo satellite station was established in 1967 as District Farm Institute (DFI) to serve Greater Masaka and it has an acreage of 320 acres.

It was transformed into District Agricultural Training and Information Centre (DATIC) in 2000. At that time Masaka District Local Government signed a memorandum of understanding with DANIDA for latter to fund and develop activities of the DATIC. This funding ended on 30th June, 2009 and the DATIC was handed back to the then Masaka District.

By virtue of its location, the station came under management of Lwengo District Local Government in 2010; when the district was carved out of Masaka.

On 5th December 2013, Lwengo District Local Government handed it over to NARO to be managed by MUZARDI.

Since then, several structural developments have been undertaken. The revamping of this station is aimed at extending Agricultural Research and Development Services nearer to the people of Greater Masaka.

1.3 OBJECTIVES OF MUZARDI KAMENYAMIGGO STATION.

- To become a client oriented research center
- To turn into a crop, fish and livestock seed for hub of improved varieties as well as a one stop centre for quality NARO technologies.
- To serve as a training center, especially for the youth and women in practical skills of agriculture and rural development.