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BUSITEMA UNIVERSITY ARAPAI COMPAS
AN INDUSTRIAL TRAINING REPORT CARRIED OUT AT BUGINYANYA
ZONAL AGRICULTURAL RESEARCH DEVELOPMENT INSTITUTE FROM 28TH
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COMPILED

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AND MANAGEMENT

STREAM: DCP 2B



AN INDUSTRIAL TRAINING REPORT TO BE SUBMITTED TO THE
DEPARTMENT OF AGRIBUSINESS AND EXTENSION ARAPAI CAMPUS AS A
PARTIAL FULFILMENT OF AN AWARD OF A DIPLOMA IN CROP
PRODUCTION AND MANAGEMENT

SUBMISSION DATE. MAY 2022

DECLARATION

I Wangolo Derick declare that this report is of my own effort and has never been submitted to any institute or university for the award of a diploma or a degree by any one else.

Sign:  Date: 17/04/22

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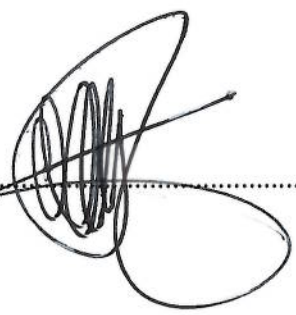

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DEDICATION

I humbly dedicate this industrial report to my beloved parents Mr. Wotunya Moses and Pheni Wotunya for their financial, moral, mental guidance and support throughout the industrial training.

ABSTRACT

In respect to the department of Agriculture at Busitema University Arapai campus, it is pre-requisite to undertake industrial training for partial fulfillment for award of Diploma in crop production and management. Industrial training is a module carried outside the classroom. It exposes students on practical skills which involves visiting different agricultural stations.

The industrial training was carried out at buginyanya zonal agricultural research and developmental institute (bugizardi), located in bulambuli district, masira s/county, dunga parish.

The IT involves taking us through different activities under different enterprises/ crops like coffee production, apple production, banana production, potatoes, tractor operation and its engine parts, Agro-forestry, soil fertility, climatology, and wheat production supervised under respective field supervisors.

The objective of this study was to enhance theoretical skills and knowledge learnt in class with hands on practical skills and applied knowledge. It was scheduled for a period of 10 weeks.

ACKNOWLEDGEMENT

I would like to extend my sincere thanks to bugiZARDI staff especially the director of bug izard, estate manager, farm manager plus all the technicians and the field supervisors especially Mr. bony waniala, Mrs. saufa, mr.nadira Wilson and Mr. elimu Dominic for the nurturing, mentorship throughout the it period .

I won't forget my dear friends among others Stanley, Raymond, Peace, Bukomba for love and care they offered to me during my internship may they almighty god bless them abundantly.

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LIST OF ABBREVIATION

BugizARDI.....Buginyanya Zonal Agricultural and Development Institute

B.C.RS.....Buginyanya coffee research station

NARO.....National agricultural research organization

USEAEZ.....Uganda south eastern Agro economical zone

CBD.....Coffee Berry Disease

IPM.....Integrated pest management

Mr.....Mister

Mrs.....Miss

E.g.....for example

Etc.....Extra

CHAPTER ONE

1.0 INTRODUCTION

School field placement 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 Buginyanya zonal Agricultural Research and Development institute (Bugi ZARDI) located in Masiira sub county Bulambuli district. Pursuant to implementation of the NARS Act 2005 BugiZARDI was operationalized w.e.f.1st July 2008.

1.1 LOCATION.

Buginyanya Zonal Agricultural Research and Development Institute (BugiZARDI) is located in Masira sub-county in Bulambuli District in Eastern Uganda at 2,980masl. Pursuant to the implementation of the NARS Act 2005, BugiZARDI was operationalized w.e.f. 1st July 2008. The Institute is composed of Buginyanya as the main station, Bulegeni and Ikulwe as satellite station. BugiZARDI spearheads Agricultural Research and Development work in Uganda's South Eastern Agro-ecological Zone (U'SEAES) that administratively comprises of Bukwo, Kween, Kapchorwa, Bulambuli, Sironko, Mbale, Bududa, Manafwa, Budaka, Kibuku, Palisa, Tororo, Busia, Namayigo, Butaleja, Iganga, Bugiri, Namutumba, Mayuge, Jinja, Kamuli, Buyende, Kaliro and Luuka Distriets.

1.2 HISTORICAL BACK GROUND.

The Institute was established in 1969 by the Ministry of Agriculture, Cooperatives and marketing as a Coffee Research Station known as Buginyanya Coffee Research Station

(BCRS). It was established as part of the coffee unit at Kawanda to centralize research on Arabica coffee under the research division of the Ministry of Agriculture.

Before the establishment of Buginyanya station, trials especially Entomology and Pathology were being conducted at farmers' level and variety trials centers (VTCs) well distributed across the district. These were; Chema, Kyeminy, Kapchorwa, Busulani, Buginyanya, Bulaago, Bugusege, Bukigayi, Bududa and Buwabwala. The system proved difficult and expensive for effective management for government. It was decided to centralize research

programs on Arabica coffee under the research division of the ministry of Agriculture for closer and efficient supervision.

1.3 OBJECTIVES OF BCRS.

- To address the problems related to Arabica coffee production by farmers such as disease, insect pests and agronomic problems.
- To provide farmers with improved coffee seed through the District nurseries.
- To render advisory services to farmers through Demonstrations and visits.