

BUSITEMA UNIVERSITY ARAPAI CAMPUS
**AN INDUSTRIAL TRAINING REPORT CARRIED OUT AT BUGINYANYA
ZONAL AGRICULTURAL RESEARCH DEVELOPMENT INSTITUTE**
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**AN INDUSTRIAL TRAINING REPORT TO BE SUBMITTED TO THE
DEPARTMENT OF AGRIBUSINESS AND EXTENSION AS A PARTIAL
FULFILMENT OF AN AWARD OF A DIPLOMA IN CROP PRODUCTION
AND MANAGEMENT**

SUBMISSION DATE MAY 2022

DECLARATION

I KITUNO STANELY declare that this report has not been submitted to any institute or university for the award of a diploma or a degree.

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DEDICATION

I humbly dedicate this industrial report to my beloved parents Mr. kimanai David and Mrs. Seela Florence plus my brother Pongo Patrick and sister Nandelenga Milka, Nabutsele Jesca not forgetting dear friends Wangolo Derick, Raymond, peace for the love, care and parental monitoring they rendering to me since my childhood to date, before I stop I would like also to appreciate my lecturers of BUAC.



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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 Ecological Zone
CBD.....	Coffee Berry Disease
IPM.....	Integrated pest management
CGA.....	General certificate in Agriculture.
REG NO.....	Registration number.
DCP.....	Diploma in Crop Production and Management
BUAC.....	Busitema University Arapai Campus

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 agricultural offices and handling different enterprises like coffee production, apple production, banana production, potatoes, Agro-forestry and wheat production.

The objective of this study was to enhance theoretical skills and knowledge learnt in class with hands on practical skills and applied knowledge. It's normally scheduled for a period of two months.

The scope of work

The study was carried out under the following activities.

- Visiting the organization to seek acceptance and mandate enterprises
- Preparation for industrial training for example sharing with supervisors, making timetables and activity plan.
- Conducting the training in selected enterprise
- Writing a report and editing
- Binding and submission of industrial report.

Key objectives of the study.

- To enable me get hands on experience in real life situation I'm expected to work in when I graduate.
- To provide me opportunities to apply principles and opportunities theoretically learnt into real life.
- To develop my understanding of the work ethics and employment demands.

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 Buginyanya zonal Agricultural Research and Development institute located in Masira 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 Districts.

1.2 HISTORICAL BACKGROUND

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.
- Enhance Development in the area through improved coffee management and provide employment to the community.
- To carry out research on other highland crops for example wheat and potato.