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**AREPORT ON SKILLS AND QUALIFFICATIONS  
CARRIED OUT IN BUGIYANYA ZONAL AGRICULTURAL  
RESEARCH DEVELOPMENT INSTITUTE UNDER NATIONAL AGRICULTURAL  
RESEARCH ORGANISATION {NARO}**

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**A REPORT TO BE SUBMITTED TO THE DEPARTMENT OF CROP PRODUCTION  
AND MANAGEMENT IN PARTIAL FULFILLMENT FOR THE AWARD OF  
DIPLOMA IN CROP PRODUCTION AND MANAGEMENT BUAC**

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by baha missip

**DECLARATION**

I Amali Anjela do declare that this work has been done by me, as a result of the internship program I held and it has never been presented to any higher institution for award of a diploma .

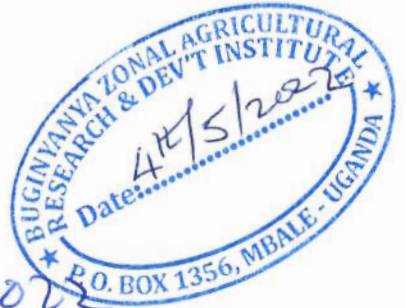
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## DEDICATION.

This work is dedicated to my parents Mr. EIDI LAWRENCE and Mrs. MAGRET ALINGA not forgetting Mrs. NAMAGANDA ANNET who have supported me, not only academically but also in all aspects of life, and they are still supporting me up to now.

I also dedicate it to my brothers and sisters as a sign of encouragement for academic enhancement.

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## **LIST OF ABBREVIATIONS**

BugizARDI...Buginyanya Zonal Agricultural Research and Development Institute

NARO.....National Agricultural Research Organization

BUAC.....Busitema University Arapai Campus.

REG No.....Registration Number..

DCP.....Diploma In Crop Production And Management.

USEAEZ.....Uganda South-Eastern Agro Ecological Zone

CBD.....Coffee Berry Disease

VTCS .....Variety Trial Canters

SSP.....Single Super Phosphate.

BCRS .....Buginyanya Coffee Research Station.



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## ABSTRACT

Buginyanya Zonal Agricultural Research and Development Institute (BUGIZARDI) is under National Agricultural Research Organization (NARO). It is A government aided institute with several enterprises e.g. Arabica coffee production, Banana section, Agro-forestry, Weather station(climatology), Potato, wheat, Barley, livestock, and others. This report contains activities and details of industrial training which were carried out in BugiZARDI. The report also contains introduction which has the definition of industrial training, background, address, mission, vision, goals, aims and objectives of the industrial training at Buginyanya research organization. The industrial training provided practical skills, field practices to enhance the theoretical knowledge learnt in skills therefore my objectives were to acquire myself with; The various practices and experiences on crop production skills such as disease identification and management. The training revealed that some of the theory taught in class is slightly different from what is practically done in the field. This report contains four chapter's ie1, 2, 3 and 4. chapter 1 consists of introduction, background, address, aims, mission, goals, organization structure and objectives. Chapter two; has description of attachment. Chapter three; has impacts of attachment and challenges faced during the training period. Chapter four; involves recommendations and conclusions. Finally appendences and industrial training workplan from week one to week ten.

## **CHAPTER ONE**

### **1.0 INTRODUCTION**

Industrial training is a module which is conducted outside lecture room or out university .It is essential because it gives students a chance to participate fully in practical aspect which enhance their skills and knowledge .This field work report was carried out at Buginyanya zonal agricultural research and development institute(BugiZARDI) located in masira sub county Bulambuli district pursuant to the implementation of the NARS Act 2005 Buginyanya was operationalised in July 2008 the institute is composed of satellite station BugiZARDI spear head Agricultural research and development working in Uganda's south Eastern Agro-Ecological zone (USEAEZ) that administratively comprise of Bukwa, kween, Bulambuli, sironko, Mbale, Bududa, manafwa, Budari, Kibuku, Tororo, Busia, Namayingo, Butalegya, Iganga, Bugire, Namutumba, Jinja, kamuli, kaliro and luuka District.

#### **1.1.0 HISTORICAL BACKGROUND**

The institute was established in 1969 by the ministry of agriculture co-operatives and marketing as coffee research station known as Buginyanya Research station BCRS apart of the coffee unit kwaanda to centralize research on Arabica coffee. Before the establishment of Buginyanya station trial at farmers levels and variety trial centers (VTCS) well distributed across the districts in areas of schema, kyemny ,Kapchorwa, Busulani, Bududa and Buw bwala.

#### **1.2.0 Objectives of BugiZARDI**

To provide farmers with improved coffee through district nurseries

To spear head research development in Uganda south Eastern Agro-Ecological zone (USEAEZ)

To address the problems relate to coffee production by farmers such as pests and diseases

#### **1.3.0 Mission of BugiZARDI.**

To have responsive centre of excellence for Agric technologies in Uganda (USEACZ)

#### **1.4 .0 Vision of BugiZARDI**

To have a client responsive centre of excellence for agricultural technologies in USEACZ

#### **1.5.0 BugiZARDI Goal**

To contribute to sustainable Agricultural production, Enhance income and food security