



**A COMPREHESIVE REPORT CARRIED OUT AT BUGINYANYA ZONAL
AGRICULTURAL RESEARCH DEVELOPMENT INSTITUTE FROM 28TH FEB TO
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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**

or 4

DECLARATION

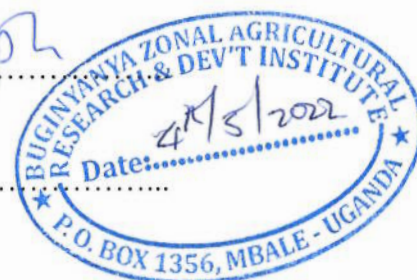
I WOMAYI KENNETH I declare before God that this report has been complied through my own effort neither whole nor part of this work has been submitted to any institution or university for any award and nobody is allowed to duplicate this report without seeking permission from me

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SIGN.....DATE.....

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DEDICATION

Sincere dedication to my beloved Ante ZEMEI ROSE that may the holy mighty God bless her abundantly for whatever contribution they have done towards my studies.

Without forgetting dedication also goes to my brothers Mr. GIMEI SIMON, Mr. KILAMBA MICHAEL and all family members at large

Finally I dedicate this work to Almighty God.



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LIST OF ABBREVIATIONS

IPM: Integrated pest management.

NARO: National Agricultural Research Organization.

BUGIZARDI: Buginyanya Zonal Agricultural Research and development institute.

REG/NO: Registration Number.

FM: Farm manager.

FA: Field assistant.

CBD: Coffee berry disease.

CBB: Coffee berry borer.

BW: Bacterial wilt.

VTCS: Variety trial canters.

USEAEZ: Uganda south agro-ecological zone.

SSP: Single super phosphate.

BCRS: Buginyanya coffee research station.

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ABSTRACT

Industrial training is a module which is conducted outside the lecture room or out of university. It expose students on practical skills and knowledge .it involve visiting agricultural oriented public or private organization such as livestock farms with technical background in terms of crops, animals and districts extension officers for acquisition of hands on skills and knowledge. The overall objective of this study was to enhance theoretical skills and knowledge. This study is normally carried out for period of two and half months. The scopes of the work study was carried out under the following main activities visiting the management of agricultural organization to seek acceptance prior ,understanding the terms of making arrangement for when to start understand the organization mandated enterprise, prepare for industrial training by meeting the supervisor to share the time table and work plan, conducting the industrial training in selected enterprise, compiling the activities from enterprise like coffee, wheat, seed potato, Banana, apples and maize, writing a report and editing it, finally binding and submission of industrial training report.

A handwritten signature in red ink, possibly reading 'D.P.', is located in the lower right quadrant of the page. The signature is enclosed within a red, hand-drawn, irregular shape that resembles a stylized signature box or a flourish.

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, Budaka, Kibuku, Tororo, Busia, Namayingo, Butalegya, Iganga, Bugire, Namutumba, Jinja, kabuku, kaliro and luuk 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 chema, kyemny ,Kapchorwa, Busulani, Bududa and Buwbwala.

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