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BUSITEMA UNIVERSITY ARAPAI COMPAS

**AN INDUSTRIAL TRAINING REPORT CARRIED OUT AT BUGINYANYA
ZONAL**

**AGRICULTURAL RESEARCH DEVELOPMENT INSTITUTE FROM 28TH FEB TO
6TH MAY 2022**

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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 CHELANGAT RAYMOND Faithful declare that all the content in the report is out of my own work and effort and has never been submitted to any other learning institution for anyway

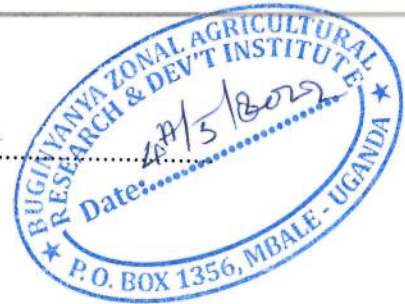
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Stamp,



DEDICATION

I dedicate this industrial report to my parents who helped me to have a successful industrial training most especially my parent's MR SABILA KENETH and MRS CHEMUTAI HARRIT

I further extend my special dedication to my field supervisors and my collogues at Buginyanya Zonal Agricultural Research Institute

ACKNOWLEDGEMENT

I owe a debt of gratitude that cannot be measured to my parents who firelessly laid my foundation and provided financial support during the training.

I also acknowledge the administration of Buginyanya zonal agricultural research and development institute for accepting me to take my industrial training.

Also want to convey my sincere thanks to the Director, Human resource, the farm manager, all the field supervisors and without forgetting the casual labor-ours who injected knowledge to me using their experiences.

Least but not last, the fellow internees from various universities who gave me company in working as a group; this boasted my ability in gaining much knowledge.

Furthermore, I deeply thank my academic supervisor for the guidance accorded to me in the course of training and prior knowledge rendered to me before training which boasted my educability to participate with mighty.

Finally, I would like to thank the almighty God for his intensive care in terms of health that he granted to me. This gave me intellectual advantage which enabled me to explore heights during the training.

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LIST OF ABBREVIATION

BugizARDI.....	Buginyanya Zonal Agricultural and Development Institute
B.C.R.S.....	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
CGA.....	General certificate in Agriculture.
REG NO.....	Registration number.
DCP.....	Diploma in Crop Production and Management

ABSTRACT

In respect to the department of Agriculture at Busitema University Arapai campus, it is prerequisite 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.

Chapter two cover the description of attachment that are the activities i carried out during industrial training period. The following are the activities that we carried out in Buyinyaya Agricultural Research and their as pruning in coffee plants, watering of coffee seedlings, pickling of coffee seedlings in coffee field, Defoliation in apple production and planting of wheat, harvesting of bananas, and land marking of field peas.

Chapter three entails the importance's of attachment that is skills gained during industrial training, and Responsibilities and challenges faced during industrial training where I was able to gained skills of landmarking of difference crops like wheat and avocado seedlings and field peas.

CHAPTER ONE

INTRODUCTION

1.0 BACKGROUND

Industrial training is a module conducted outside lecture room or out university. It is a requirement for every student in Busitema University to undergo industrial training for the partial fulfilment of any academic award like a Diploma, Certificate or Bachelors in the field of Agriculture, because it gives students a chance to participate fully in practical aspect which enhance their skills and knowledge. This field work 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 Kapchorwa, Bukwo, 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 a Coffee Research Station known as Buginyanya Coffee Research Station (BCRS). It was part of the coffee unit at Kwaanda with the mandate to centralize research on Arabica coffee. Before the establishment of Buginyanya station, coffee trials were established at farmer level and in established Variety Trial Centers (VTCs). The VTCs were well distributed across the districts in areas of Chema, Kyemny, Kapchorwa, Busulani, Bududa and Buwabwala.

1.2.0 Objectives of BugiZARDI

- To provide farmers with improved coffee seedlings through the district nurseries
- To spear head research development in Uganda South-Eastern Agro-Ecological zone (USEAEZ)
- To address the problems related to coffee production by farmers such as pests and diseases