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INDUSTRIAL TRAINING REPORT CARRIED OUT IN BUGINYANYA ZONAL  
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AN INDUSTRIAL TRAINING REPORT TO BE SUBMITTED TO BE SUBMITTED TO THE  
DEPARTMENT OF AGRIBUSINESS AND EXTENSION AS A PARTIAL FULFILLMENT  
OF AN A WARD OF A DIPLOMA IN CROP PRODUCTION AND MANAGEMENT OF  
BUSITEMA UNIVERSITY


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MAY 2022

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**DECLARATION**

I NEUMBE SHARON humbly do declare that the information written in this report is as a result of my effort and has never been submitted to any institute for any award.

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### DEDICATION

I dedicate this report to my beloved parents Mr. GADEMBA FRANCIS, Mrs. WANYENZE COSTANCE and my lovely sisters, LELEMA LYDIA, SABINA SARAH, NAFUNA JULIA, my brother NAGIMESI JULIUS who supported me physically, materially, spiritually and financially to see that all my work is completely done. Therefore May the Almighty GOD reward them abundantly.



### **ACKNOWLEDGMENT**

I would like to extend my sincere thanks to Buginyanya zonal agricultural Research and development institute staff especially my field supervisors Mr. Woniala Bonny, Mr. Walimbwa Kenneth, Mr. Aide Solomon, Mr. Etiang Joseph, Mr Nandila Wilson and madam Nyakahima Saufa for the knowledge and skills rendered to me during the training and who supported me physically, materially, spiritually and financially to see that my internship was completed, May the almighty God reward them abundantly and not forgetting the Almighty God for the gift of life, for having seen me throughout the industrial training exercise and report writing.

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## LIST ABBREVIATIONS

BugizARDI.....	Buginyanya Zonal Agricultural Research and Development Institute
BCRS.....	Buginyanya Coffee Research Station
CBB.....	Coffee Berry Borer
CBD.....	Coffee Berry Disease
DAP.....	Diammonium Phosphate
GMO.....	Genetically Modified Organisms
IPM.....	Integrated Pest Management
NARO.....	National Agricultural Research Organization
NARS.....	National Agricultural Research System
SSP.....	Single Super Phosphate
TSP.....	Tri-Super Phosphate
USEAEZ.....	Uganda South-Eastern Agro-Ecological Zone
VTCs.....	Variety Trial Centres

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## ABSTRACT

This report contains and describes the activities implemented, skills and qualifications gained, challenges faced during the training, conclusion of the report and recommendations derived at BugizARDI in Bulambuli district under NARO. The objective of this training is to make students, from the skills and knowledge gained from the fields and build confidence in them. This was followed by orientation where I was introduced to BUGIZARDI and later implemented activities like visiting the organization to acceptance, preparation of the industrial training by meeting with the supervisors to guide on how to carry out the training and orientation, conducting training in various enterprises like, banana, field peas, and potatoes, among others. Above all, the industrial training was successfully done because the supervisors were friendly and gave us the needed skills. In addition, during this training, I also faced some challenges that included unfavorable weather like heavy rains that disrupted the road network; this can be solved by combining efforts



with the government to promote an adequate road network for better communication with in the area and district at large.

## **CHAPTER ONE**

### **1.0 INTRODUCTION**

Industrial Training is a module which is conducted outside lecture room or out of University. It is important because it gives students a chance to participate fully in practical aspects which enhance their skills and knowledge. It also enables the researcher to interact with different students and working staff thereby helping them to get prepared in different departments and fields. This Field Work was carried out at Buginyanya Zonal Agricultural Research and Development Institute (BugiZARDI) located in Masira Sub-county, Bulambuli District. Buginyanya was operationalized in July 2008 pursuant to the implementation of the NARS Act 2005. The Institute is composed of Buginyanya as the main station, Bulegeni and Ikulwe as Satellite stations. BugiZARDI spearheads Agricultural Research and Development work in Uganda's South Eastern Agro-ecological zone (USEAEZ) that administratively comprise districts of Budaka, Manafwa, Kibuku, Tororo, Namayingo, Iganga, Bugiri, Namutumba, Jinja, Kamuli, Luuka, Buyende and Kaliro.

### **1.1 HISTORICAL BACKGROUND**

The Institute was established in 1969, by the Ministry of Agriculture, Cooperative and Marketing as a Coffee Research Station known as Buginyanya Coffee Research Station (BCRS), as part of the Coffee Unit at Kawanda to centralize research on Arabica Coffee.

Before the establishment of Buginyanya Station, trials especially Entomology and Pathology were being conducted at farmers' level and Variety Trial Centers (VTCs) well distributed across the districts in areas of: Chema, Kyeminy, Kapchorwa, Busulani, Buginyanya, Bugusege, Bukigai, Bududa and Buwabwala.