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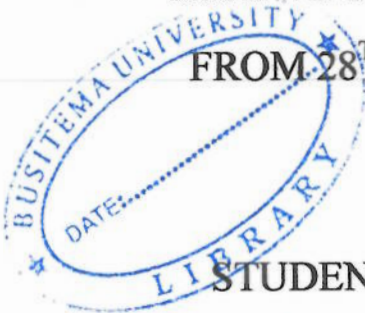
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**A REPORT FOR AN INTERNSHIP TRAINING CARRIED OUT AT
BUGINYANYA ZONAL AGRICULTURAL RESEARCH AND
DEVELOPMENT INSTITUTE (BugiZARD)**

IKULWE SATELITE STATION IN MAYUGE DISTRICT

FROM 28TH FEBRUARY, 2022 TO 22ND APRIL, 2022



COMPILED BY:

STUDENT'S NAME: KIRYAGAANA ROGERS

REG. NO: BU/UG/2019/2918

**PROGRAME: DIPLOMA IN CROP PRODUCTION
MANAGEMENT**

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DATE OF SUB-MISSION: 18/05/2022

COURSE CODE: 1208

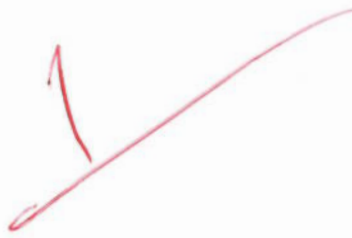
**TO BE SUBMITTED TO THE FACULTY OF AGRIBUSINESS AND
EXTENSION IN PARTIAL FULFILLMENT OF THE
REQUIREMENT FOR THE AWARD OF A DIPLOMA IN CROP
PRODUCTION AND MANAGEMENT**

DECLARATION

I KIRYAGAANA ROGERS hereby declare that this is my original work and has not been presented to any other university or institution for any academic award

Signature: 

Date: 18/05/2022



DEDICATION

I Kiryagana Rogers I dedicate my report to the heavenly father who gifted me life, wisdom, knowledge and understanding that enabled me to go through this training.

I dedicate this report to my beloved supervisors like Mr. Pascal, Mr. Moses, Madam Lydia, and Mr. Emmanuel for the support given to me and guidance that enabled me to go through the training at the station.

I also dedicate this report to my parents, relative and in-laws for the financial support that they have provided to facilitate my training.

May God reward them abundantly.

Finally I also dedicate this report to Dr. Kagoda Franc for accepting me to do my training at the station. May God reward him abundantly.



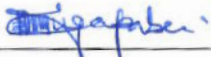
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APPROVAL

I certify that this work was done by Kiryagaana Rogers under the supervision and guidance from different supervisors at Bugizard.

The following are verified as my refrence

1. INSTITUTE SUPERVISOR

NAME	SIGNATURE	DATE
<u>Mugati Pascal Bwira</u>	<u></u>	<u>17/05/2022</u>

2. ACADEMIC SUPERVISOR

NAME	SIGNATURE	DATE
<u></u>	<u></u>	<u></u>

ACKNOWLEDGEMENT

I would like to appreciate the management of Bugizard headed by DR Kagoda Franc For cooperating with me and giving me skills and services throughout the training

I would also to appreciate my parent for the financial support given to me throughout the training take this opportunity to express my gratitude to the Almighty God for granting me Esther, Mr. Pascal, Madam. Lydia, Mr. Moses for the service granted to me during the training period.

I appreciate my fellow learners for maximum co-operation.

Finally I thank whoever I have not recognized and has put in his/her effort for the betterment and facilitation of my industrial training,

THANKS SO MUCH, MAY THE ALMIGTY REWARD YOU ABUNDANTLY.

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LIST OF ABBREVIATIONS

BUGIZARDI: Buginyanya Zonal Agricultural Research and Development Institute.

CWD : Coffee Wilt Disease

NPK :Nitrogen Phosphorous Potassium

RYMV : Rice yellow Mottle Virus

USEAES : Spear heads Eastern Agro Ecological Zone

DFI : District Farm Institute

GPS :Global Positioning Institute

NARO :National Agricultural Research Organisation



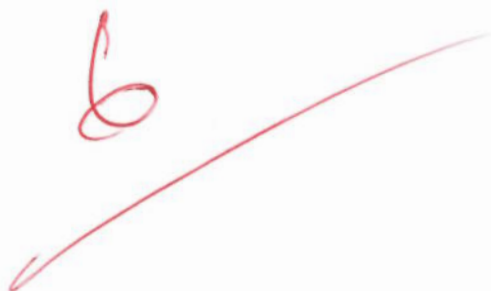
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ABSTRACT

This report contains information that was collected and compiled during industrial training period in Ikulwe Bugizard Mayuge district which started from 28/02/2022 to 22/4/2022 .The major objective of the training was to establish students to practical skills in the attachment and be able to practice them in future. Chapter one high lights on the introduction of the attachment ,the historical back ground of the instate, the vision, mission, goals, the objectives of the training; the location, demographic statistics, the organization structure of the farm, management structure. general information about the station and general information about Bugizard. chapter two describes the activities i carried out during the practice chapter three explains the period of industrial training which was done at Bugizardi Ikulwe Station Mayuge District .It took a duration of 10 weeks, During the period of the industrial training, many activities were carried out including ;General weeding in the coffee mother garden where the clones are got to be taken in the coffee mother garden, studied about beans, maize, Rice, where I learnt the proper spacing , diseases and pests, varieties, maturity rate, weed control, planting and harvesting /threshing.

However, the In conclusion the management and staff was reliable and cooperative hence promoting my stay at the farm and lacks animal production and management, lack of exposure to the farmers. These can thick about introducing animal production, management and exposing students to local farmers for extension work..



CHAPTER ONE

BUGINYANYA ZONAL AGRICULTURAL RESEARCH AND DEVELOPMENT INSTITUTE

1.0 Background:

Buginyanya Zonal Agricultural Research and Development Institute (BugiZARDI) is a semi-autonomous public agricultural Research Institute under the policy guidance of the National Agricultural Research Organisation (NARO). BugiZARDI was operationalised on 1st July 2008 in compliance with the NAR Act 2005. The institute is composed of Buginyanya (95.0 ha) as the main station located in Masira Sub-county, Bulegeni (47.8 ha) in Kamu Sub-county, Bulambuli District and Ikulwe (86.0 ha) in Mayuge town council, Mayuge District. BugiZARDI spearheads Agricultural Research and Development work in Uganda's South Eastern Agro-Ecological Zone (U'SEAEZ) that administratively comprises of Bukwo, Kween, Kapchorwa, Bulambuli, Sironko, Mbale, Bududa, Manafwa, Budaka, Kibuku, Pallisa, Tororo, Busia, Butaleja, Iganga, Bugiri, Namutumba, Mayuge, Jinja, Kamuli, Luuka, Buyende, Namayingo, Namisindwa, Bugweri, Butebo and Kaliro districts.

1.1 Scope

Given that an Agro-ecological zone's definition relies on aspects such as land, climate, soil, topography, crop suitability and crop productivity (FAO, and IISA, 2000), BugiZARDI has been conveniently sub-zoned into the highlands, mid altitude and lowlands.

High and mid-altitude zones

The high and mid-altitude zones consist of areas with altitude range of 1300 to 3000 metres above sea level (masl). It covers districts of Kapchorwa, Kween, Bukwo, Bulambuli, Sironko, Mbale, Bududa and Manafwa. Soils of this zone are characterised by deep fertile soils of volcanic origin, well drained dark clay loam and red sand clay loam with sticky texture. This soil supports the banana – coffee farming system which is predominant in the area. The zone receives a bi-modal pattern of rainfall, with the wettest months being April and October, while July to August and December to February are relatively dry. The annual average rainfall in the zone is