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FIELD ATTACHMENT REPORT CARRIED OUT AT MBARARA ZONAL AGRICULTURAL RESEARCH AND DEVELOPMENT INSTITUTE (MBAZARDI)

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BY

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YEAR 2

COURSE: DIPLOMA IN ANIMAL PRODUCTION AND MANAGEMENT

FACULTY OF AGRICULTURE AND ANIMAL SCIENCE ARAPAI CAMPUS

AN INDUSTRIAL REPORT SUBMITTED TO BUSITEMA UNIVERSITY ARAPAI CAMPUS IN PARTIAL FULFILMENT OF THE REQUIREMENT FOR THE AWARD OF DIPLOMA IN ANIMAL PRODUCTION AND MANAGEMENT

FROM 28TH /02/2022-6TH /05/2022

DECLARATION

I KAHINDA DENESIARIAN declared that this report is my personal work from my exposure in the field and has not been submitted to any one from any other institution of learning

Sign.....

Date.....04/05/2022.....

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APPROVAL

This is to certify that this report has been supervised by the following.

Field supervisor

Mr.Tumuhimbise Gaston

Sign……

Date…… 6/5/2022

Academic supervisor

Mr. Turyasingura Geoffrey

Sign……

Date…… 7/5/22

DEDICATION

With great love and all due respect, I am humbled dedicate this report to my beloved parents,Turyasasibwa Charles and Nagasha Marion,brothers and sisters for the support and love they have showed me during this time of academic struggle.

ACKNOWLEDGEMENT
I thank all those who contributed towards my field attachment including my field supervisor and academic supervisor these have been my guides.

Special thanks go to my parents for the great work in paying my school fees.

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ACRONYMS/ABREIATIONS

MBAZARDI: Mbarara Zonal Agriculture Research and Development Institute

NARO: National Agriculture Research Organization

NAADS: National Agricultural Advisory Services

SWAEZI: South Western Agro-Ecological Zone

LISTOF FIGURES

Figure 1, showing milking cows

Figure 2, showing feeding calves

Figure 3, showing eartagg applicator

Figure 4, showing harvesting fish

Figure 5, showing banana plantation

LIST OF TABLES

Table 1, showing number of cattle's kept at MBAZARDI farm

Table 2, showing milking records

Table 3, showing number of goats kept at MBAZARDI farm

Table 4, showing pigs kept at the farm

Table 5, showing pastures

Table 6 showing work plan

ABSTRACT

Generally the field attachment is majorly to convert theory learnt in lecture rooms into practice/real life experience.MBAZARDI is national Research institute managed by NARO to conduct research in the areas of animal breeding, animal health, nutrition and crop science.

The practical sessions were employed during the training and were supervised by the field supervisor's

This practical mode of learning enabled me to acquires most of the skills I get indoors while at our institution of learning.

I gained a lot of agriculture practical skills and knowledge through participation in different activities.

CHAPTER ONE
Explanation of industrial training

Industrial training refers to the learning session that one does practically in relation to theoretical knowledge he/she must have attained.

The main objectives of carrying out industrial training is to have skills on hands on experience

1.0 background and location

MBAZARDI started as a livestock farm known as stock farm in 1926. It was established by the department of veterinary services and animal industry under the colonial government as nucleus farm for multiplying exotic dairy cattle for sale to progressive dairy farmers at affordable prices.

For 50 years Mbarara stock farm served its purpose with excellence and became to be known as a source of good breeding cattle in country with reputation that still stands up to date. However, political instability and chaos of late 1970s and 1980s left it in the run down just like most other institutions in the country.

When the government revised its policy to directly doing business, the farm was handed over to National Agricultural Research Organization (NARO) in 1996for management and became an outreach station of National Livestock Resource Research Institute (NaLIRRI) than Livestock Research Institute (LIRI) that maintained the same objectives of multiplication and sale of quality dairy cattle.

In 2000, while implementing government policy of decentralization NARO transformed Mbarara stock farm into an Agricultural Research and Development Centre (ARDC) along with others in the country to serve the south western range lands of agro-ecological zone as an outreach station.

1.1 LOCATION OF THE INSTITUTE

Mbarara ZARDI is one of the NARO institute located in Mbarara district at a longitude of 0035^{0}East, 4km on the out-skirt of Mbarara municipality on Mbarara-Kasese road. The institute sites on a 1300 acres (500 hectares) piece of land 1304-1385 above the sea level. It is mandated to co-ordinate, oversee, and guide current districts of Mbarara, Bushenyi, Lyantonde, Ntungamo, Rakai and Sembabure, Buhweju, Kiruhura, Isingiro, Sheema, rubirizi, mitooma, and kyotera.

MISSION: To generate and disseminate appropriate safe and cost effective technologies.

VISSION: Market responsive, client oriented and demand driven National Agricultural Research systems.