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**BUSITEMA UNIVERSITY FACULTY OF AGRICULTURE AND ANIMAL SCIENCE
ARAPAI CAMPUS
AN INTERNSHIP REPORT CARRIED OUT AT LIVESTOCK EXPERIMENTAL
STATION AND QUARANTINE CENTRE-NAGRIC&DBP.O BOX 183,
ENTEBBEFROM 28TH FEBUARY TO 22ND APRIL**

**COMPILED BY;
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yes

**SUBMITTED TO THE DEPARTMENT OF ANIMAL PRODUCTION AND
MANAGEMENT IN PARTIAL FULFILLMENT FOR THE AWARD OF DIPLOMA IN
ANIMAL PRODUCTION AND MANAGEMENT OF BUSITEMA UNIVERSITY**

MAY 2022



DECLARATION

I Adebo Marion Akiso pursuing program leading to the award of Diploma in animal production and management in Busitema University do declare that this report is originated and compiled by me during my internship at Livestock Experiment Station and has never been submitted to any University or institute for any award

see

SignedADEBO... MARION... AKISO.....

Date18/05/2022.....



APPROVAL PAGE

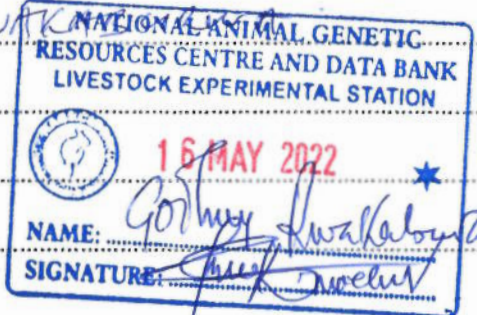
The content in this report has been reviewed, cross checked and approved by,

NAME; GODFRET RWAKAYUKA NATIONAL ANIMAL GENETIC

POSITION; *AP. CFM* RESOURCES CENTRE AND DATA BANK
LIVESTOCK EXPERIMENTAL STATION

SIGNATURE; *[Signature]*

DATE; 16 MAY 2022



UNIVERSITY SUPERVISOR

NAME; ETIANG PATRIK

POSITION; LECTURER

SIGNATURE; *[Signature]* *[Signature]*

DATE; 18/05/2022

DEDICATION

I dedicate this work to my father Okello Richard my uncle Okello Tom my care taker Ajado Rose my uncle Opollot Benard who gave me a conductive stay throughout my internship may God bless me and increase them abundantly.

I also dedicate to my brothers ,sisters and friends who were so close to me during my internship in prayers spiritual advise and the financial support towards internship period and my studies

Se

ACKNOWLEDGEMENT

First and foremost, I would like to thank the Almighty GOD for His knowledge , wisdom understanding and power He granted me during my training. Then, I extend my gratitude to the Human Resource-NAGRC&DB Livestock, Mr. Gregory and the entire organization of National Animal Genetic Resources and Data Bank in the Ministry of Agriculture, Animal Industry and Fisheries for accepting me to do my industrial training on one of their farms.

Special thanks go to;

- The manager Livestock experimental station, Mr. Rwakaburwa Godfred
- The assistant manager, Livestock experimental station, Mr. Wabasa Anthony.
- And all the field assistants Mr. Odong, Bright and the rest.

Your infinite assistance, guidance, generosity and tolerance during the training will not be forgotten.

I also wish to extend my sincere gratitude and appreciation to;

- My sincere appreciation goes to my father, uncles brothers and sisters for their sacrifice and kind support and strangle the made *sure* that all necessary requirements were available for me.
- I must again thank my friends notable David, Dao Angela, Vicky ,Jonathan Garand ,Shadiya.etc with whom we cooperated during our training at Livestock experimental station.

May God bless and reward you all abundantly for the kindness and sympathy towards me during the training.

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LIST OF ABBREVIATIONS

NAGRC&DB National Animal Genetic Resource Centre and Data Bank.

LES.....Livestock Experimental Centre.

DAP.....Diploma in Animal Production and Management.

E.g.....For example.

BUAC.....Busitema University Arapai Campus.

Mr.....Mister.

See

LIST OF TABLES AND FIGURES

LIST OF TABLES;

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Table showing vaccination program.

Table showing information chart.

Table showing appearance of the milking chart.

Table showing description of typical working days.

LIST OF FIGURES;

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Figures showing milking, Figures showing sorting and setting of eggs, Figures showing bucket feeding..

See

ABSTRACT.

Livestock experimental station is a government farm with three main enterprises i.e; dairy, poultry, and piggery. It is aimed at producing high quality and quantity milk, beef, pork, eggs, and chicken for the community. The activities carried out during the training include; Hatchery management [recording, egg candling, setting sorting and vaccination], Fodder Bank Management, Brooding, Pasture, calf, Routine management, of stock, Milk recording, feed mixing, Disease diagnosis, and treatment in cattle, poultry and piggery. Animal Identification, Semen collection and processing, and record keeping. Therefore, my objectives were to acquaint myself with; The various animal husbandry practices and get hands on experience on animal welfare skills, The various breeds of dairy cattle, poultry, and pigs at LES, Animal diseases, their signs, symptoms, and treatment, Methods of parasite control used by farmers in the three enterprises, Pasture management and preservation, Hatchery, piggery and poultry management and to practically get some knowledge on artificial insemination, multiple ovulation, embryo transfer and in vitro fertilization among others. However, some challenges were associated with lack of enough equipment eg ear tag applicator, hoes ,rakes to facilitate routine activities , rainy weather and long distance movement. Even with the above challenges, I was able to acquire practical skills and I promise to put them into practice. The internship was so good that I learnt more skills and good relationship with many farmers, and the staff at LES and the community at large.



ABSTRACT.

Livestock experimental station is a government farm with three main enterprises i.e; dairy, poultry, and piggery. It is aimed at producing high quality and quantity milk, beef, pork, eggs, and chicken for the community. The activities carried out during the training include; Hatchery management and Fodder Bank Management, Brooding, Pasture, calf, Routine management of stock, Milk recording, feed mixing, Disease diagnosis, and treatment in cattle, poultry and piggery. Animal Identification, Semen collection and processing, and record keeping. Therefore I was able to acquire skills such as disease diagnosis and treatment of sick animals, routes of administration of drugs, collection blood samples , sorting and setting eggs for hatching, pour on method of tick control, bucket feeding, control of poultry vices, eartaging, milking, candling. However, some challenges were associated with lack of enough equipment eg ear tag applicator, hoes ,rakes to facilitate routine activities , rainy weather ,hunger since we couldn't work for long hours in an empty stomach and this could force students to dispass themselves early therefore missing other activities and long distance movement thus reaching the farm late and tired. I would there recommend for accomodation and food should be provided for internship students within the farm. More eartag applicators ,hoes and rakes should be added so as to save time, Even with the above challenges, I was able to acquire practical skills and also able to relate the theoretical knowledge acquired from school and putting it into practice in the farm .The internship was so good that I learnt more skills and good relationship with many farmers, and the staff at LES and the community at large. Am humbled and not ashamed to say that am so grateful for the organization for having given us certificats at the end of our training. In conclusion, NAGRIC and DB will be the best place for internship if the above challenges are put into consideration. thanks.

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CHAPTER ONE;

1.0 INTRODUCTION

Industrial training is a study done by every student perusing a course in any profession as its one of the requirements for the completion of the course and award of a diploma .The training was carried out through observation ,discussion and practices from the field.

Livestock experimental station (LES) is a government owned farm under National Animal Genetic Resources and Data Bank in the Ministry of Agriculture, Animal Industry and Fisheries.

This farm mainly operates in animal sector specializing on three main enterprises: poultry, piggery and dairy cattle.

1.1 BACKGROUND

LES is situated in Wakiso district 7 miles from Kitooro trading centre along Entebbe International Airport Road, along the shores of Lake Victoria, Busiro County, Katabi sub-county, Bugonga Parish, Kigungu Village. In the past, it was covering an area of 132 acres of land before the expansion of the International airport which covers part of its land now. Some of the land has now been transferred for the purpose of airport expansion. Most of the cattle were also transferred to other farms in Ruhengere, Kabanyoro, Rushere and others which are also under NAGRC&DB.

The farm in Entebbe was established in 1950's by the British government. Initially it was called Veterinarian Training Complex to act as a veterinarian training station as well as a Quarantine station for animals. In 1990, it was handed over to MAAIF as NAGRC&DB - LES.

LES is a branch of NAGRC&DB, a government organization under the Ministry of Agriculture, Animal Industry and Fisheries with its headquarters in Entebbe. Its address is P.O. Box 183 Entebbe-Uganda. Telephone: 0414 320 831, Fax: 256-41349422, Email: cattbrd@gmail.com.

The institution produces agricultural products e.g. milk and pure breeds of different exotic cattle like Friesians, Guernsey, Ayrshire, Jersey, Brown Swiss, which are sold to the community around and across the country.

The institution also breeds Kuroiler chicken and Rainbow chicken to produce eggs and chicks for sale to the community around and to other farmers in the country at large.

It is also a livestock training institute which trains students from different universities, communities, organizations and institutions dealing in animal management practices, so as to equip them with knowledge and skills in animal production and management. The aim is to improve on the livelihood and development of the nation as a whole in terms of agriculture.

1.2 ADDRESS

National Animal Genetic Resources and Data Bank (NAGRC&DB),
Ministry of Agriculture, Animal Industry and Fisheries