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**A REPORT ON SKILLS AND QUALIFICATIONS ATTAINED DURING
INDUSTRIAL TRAINING AT LIVESTOCK EXPERIMENTAL STATION –
NAGRC&DB.**

COMPILED BY;

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APM -1301 Internship



Employer: National Animal Genetic Resource Center and Data Bank (NAGRC&DB) –
Livestock experimental station, Ministry of Agriculture, Animal Industry and Fisheries.

Location: Livestock experimental station is located in Wakiso district, 7km from kitoro
along Entebbe Airport road, along the shores of Lake Victoria.

(P.O BOX 183, ENTEBBE.)

**A REPORT SUBMITTED TO THE DEPARTMENT OF ANIMAL PRODUCTION
AND MANAGEMENT IN PARTIAL FULFILLMENT FOR THE AWARD OF
THE DEGREE OF BACHELOR IN ANIMAL PRODUCTION AND
MANAGEMENT OF BUSITEMA UNIVERSITY.**

DECLARATION

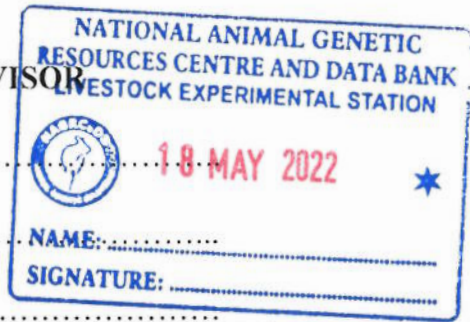
I **Ajaruva Nana Annet**, hereby declare that this report, has been produced by me during the internship program I had at Livestock Experimental Station (LES) and it is in its original content and has not been duplicated, reproduced and presented or published in any form elsewhere.

STUDENT

Name: AJARUVA NANA ANNET
Sign: [Signature]
Date: 18/05/2022

FIELD SUPERVISOR

Name: MR. MUGENI ISAAC
Sign: [Signature]
Date: 10 MAY 2022



ACADEMIC SUPERVISOR

I certify that the above declaration and recommend its submission to academic supervisor for further assessment and stipulated award.

Name:
Sign:
Date:



DEDICATION

I dedicate this report work to my Almighty God for the abundant health provided to me during the industrial training period.

I dedicate this report humbly to my mother; Mrs. Binego Cecilia and my brothers and sisters who have sacrificed a lot towards my education both financially and spiritually.

I also dedicate the report to my academic supervisor; Dr. Etiang and my field supervisor; Mr. Mugenyi Isaac for the abundant knowledge and skills they provided to me during industrial training period.

ACKNOWLEDGEMENT

The great acknowledgement goes to the Almighty God who has protected me through the industrial training period successfully.

Great thanks goes to the Human Resource-NAGRC&DB Livestock, the manager; Mr. Rwakabura Gregory and the entire organization of National Animal Genetic Resources and Data Bank in the Ministry of Agriculture, Animal Industry and Fisheries for the special knowledge and skills give to me industrial training.

The great acknowledgement goes to; Mr. Mugenyi Isaac for the great knowledge, skills and time he provided to me during the period of industrial training may God the heavenly father reward him abundantly.

I gratefully send my special thanks to my academic supervisor; Dr. Etiang for constructive time give to me during supervision period may the Almighty God reward him abundantly.

Special thanks goes to my friends for the special advice during the industrial training period, may God the heavenly father reward them abundantly.

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LIST OF ABBREVIATIONS

Dr.	Doctor
F	Feranaght
I.e.	That is to say
Kg	Kilogram
LES	Livestock Experimental Station
Mls	milis
Mr.	Mister
N1.	Room Number one
N2.	Room number two
N3.	Room number three
NAGRIC& DB.	National Animal Genetic and Resources and Data Bank
REG NO.	Registration Number

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ABSTRACT

Livestock Experimental Station is a government farm with three main enterprises; cattle/dairy, poultry, and piggery. It is aimed at producing efficient high quality and quantity milk, beef, pork, eggs, chicks and chicken for commercial production for both the community and outside the community, as far as all town and cities of Uganda. The industrial training provided me with practical skills, field practice and experience to enhance the theoretical knowledge that is learnt in class. The objectives of the training were as follows; to identify the various animal husbandry practices and get experience on animal welfare skills, find out the different breeds of dairy cattle, poultry, and pigs at LES, find out the different Animal diseases, their signs, symptoms, and treatment, to find out the methods of external and internal parasite control used in the three enterprises, to find out the Pasture management and preservation methods, to find out the hatchery, piggery and poultry management and to practically get knowledge on artificial insemination, embryo transfer and in vitro fertilization. The major activities I carried out at LES included the following; Pasture management, routine management of livestock (cattle, pigs, and poultry), calf management, daily milk production records, brooding management, feed mixing, farm fencing, disease diagnosis and treatment in cattle, piggery and poultry, animal identification (ear tagging), spray race management and record keeping. I was also exposed on how to collect semen and processing semen. The training revealed that some of the theoretical knowledge taught in class is related to what is done in the field. The following are some of the animal welfare practiced at LES; providing shelter and food to animals, treating animals, allowing animals to rest as well as proper restraining of animals during milking. The training also revealed that production and management in any enterprise are two different broad activities which must move hand in hand for any farm to get the expected profit or even more. Production and management require a lot of hard work, sacrifice, dedication and determination. The recommendations were as follows, the laying birds should be provided with green vegetables which provide the birds with vitamin A, enable the birds to exercise themselves as well, Proper disposal of wastes from hatchery and other sector to prevent contamination and spread of diseases within the farm. It is therefore recommended that more animal husbandry officers should be trained to guide and advise farmers who are facing challenges in production and management.



CHAPTER ONE: INTRODUCTION

1.0 Introduction

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 Location of the Farm

LES is situated in Wakiso district, Busiro County, Katabi sub-county, Bugonga Parish, Kigungu Village. It is located 7 miles from Kitoro trading centre along Entebbe International Airport Road, along the shores of Lake Victoria.

1.2 Address of the Farm

National Animal Genetic Resources and Data Bank (NAGRC&DB),
Ministry of Agriculture, Animal Industry and Fisheries,
P.O Box 183, Entebbe-Uganda.
Telephone: 256-41-320-831
Fax: 256-41-349-422
E-mail: executivedirector@nagric.go.ug website: nagrc.go.ug

1.3 Background of the Area

In the past, LES 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 Ruhengeri, 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.