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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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**A REPORT SUBMITTED TO THE DEPARTMENT OF ANIMAL PRODUCTION AND
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OF BACHELOR IN ANIMAL PRODUCTION AND MANAGEMENT OF BUSITEMA
UNIVERSITY.**

DATE: 29th August, 2019.

DECLARATION

I, **Nassozi Mary Frances BU/UP/2017/219**, declare that this report is my original copy, and has never been submitted to any academic institution and/or university for the award of any academic qualification. This report has been declared original and submitted with approval from.

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DEDICATION

This work is dedicated to my parents Mr. Ntambi Jude and Mrs. Bernadette Ntambi who have supported me not only academically but also in all aspects of life and are still supporting me up now when am at the university. I also dedicate it to my 5 siblings as a sign of encouragement for academic enhancement.



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LIST OF ABBREVIATIONS.

| | |
|----------|--|
| DDA | Dairy Development Authority |
| NAGRC&DB | National Animal Genetic Resource Centre and Data Bank. |
| LES | Livestock Experimental Centre |
| HDL | Highest Dip Level |
| LDL | Lowest Dip level |
| ABC | Animal Breeding Centre |

LIST OF TABLES AND FIGURES.

Table 1- ----- showing group members and their respective universities.

Table 2- ----- showing drugs used for prophylactic treatment.

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ABSTRACT.

Livestock experimental station is a government farm with three main enterprises ie; dairy, poultry, and piggery. It is aimed at producing high quality and quantity milk, beef, pork, eggs, and chicken for the community.

The industrial training at Livestock experimental station attempted to provide practical skills, field practice and experience to enhance the theoretical knowledge that is learnt in class.

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 pest 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.

The training revealed that some of the theory taught in class slightly differs from what is practically done in the field, for example, very few welfare practices are applied in the field. The obvious ones that are observed include, providing shelter, food, treating animals, allowing animals to rest as well as proper restraint of animals during milking among others but when it comes to moving animals in races, welfare is not followed at all because animals are beaten badly and sometimes they even bleed.

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.

It is therefore recommended that more animal husbandry officers should be trained to guide and advise farmers who are facing hardships in production and management.

CHAPTER ONE;

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 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: 0414320 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, Sahiwal, 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