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**A REPORT OF INDUSTRIAL TRAINING CARRIED OUT AT NATIONAL ANIMAL  
GENETIC RESOURCES CENTRE AND DATA BANK (NAGRC&DB) – LIVESTOCK  
EXPERIMENTAL STATION - ENTEBBE - WAKISO DISTRICT FROM 20<sup>TH</sup> MAY TO  
26<sup>TH</sup> JULY 2019**

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**SUBMITTED TO THE DEPARTMENT OF AGRIBUSINESS AND EXTENSION OF  
BUSITEMA UNIVERSITY-ARAPAI CAMPUS**

**FACULTY OF AGRICULTURE AND ANIMAL SCIENCES FOR THE PARTIAL  
FULFILLMENT OF AN AWARD OF A DEGREE IN ANIMAL PRODUCTION AND  
MANAGEMENT**

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**DECLARATION**

I **KALULE IBRAHIM, BU/UG/2017/120**, declare that the information in this report was written by me and has never received any credit from any institution.

Signature.....*Ikali*.....

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This report was approved by;

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Date.....*26th-7-2019*.....

**DEDICATION**

I dedicate this report to my dear parents Mr.Ssebugenyi Moses Ssalongo and Mrs.Najjuma Faridah Nalongo, all my brothers and sisters.

May the almighty ALLAH reward them abundantly and keep them healthy for more good years.



## **ACKNOWLEDGEMENT**

I extend great thanks to the academic staff of **BUAC** for bringing up this programme of industrial training since I have achieved most of the practicals I needed in the field throughout this period.

I also thank the management of **LES** for their tireless efforts of inducing practical skills and knowledge in me continuously and all my friends from **BUAC** with whom I spent this long period with.

May the almighty **ALLAH** bless them and reward them abundantly.

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## **LIST OF ABBREVIATIONS**

BUAC-Busitema University Arapai Campus

NAGRC&DB-National Animal Genetic Resources Centre and Data Bank

LES-Livestock Experimental Station

BAPM-Bachelor in Animal Production and Management

etc-and many others

e.g.-for example

ABC-Artificial Breeding Center

S/N-Serial Number

Kgs-Kilogrammes

i.e. – that is to say

NB-note carefully

AHO-Animal Husbandry Officer

mls – cubic centimeters

LSD – Lumpy Skin Disease

MAAIF-Ministry of Agriculture Animal Industries and Fisheries

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## **ABSTRACT**

Industrial training is a program organized by the academic staff of **BUAC**, department of agribusiness and extension for students to link and apply what they learn in class during lecture hours and what is outside in the field practically and it takes a period of 10 weeks. This was done by learning, sharing and participating in all activities undertaken.

During this period at **LES**, different sections were visited and practical done and these include; dairy, poultry and piggery, where different technical people and animal husbandry officers e.g. Mr. Rwakabura, Madam Aminah Ssebi, Mr. Wabasa Antony and others taught and guided us practically to acquire knowledge and skills in these sections. The programme always started in the morning at 4:00 with milking in the dairy section as practicals were recorded in the log book given to students by **BUAC**.

During the period, different skills and knowledge for example in poultry management from day one old chicks, swine management practices, pasture management and improvement and calf management were acquired which will enable me to apply in the field so as to sustainably satisfy myself in terms of work specifically animal production and management and hence better livelihood. Also some challenges were faced and these; included the high expenses in terms of feeding and renting due to the long period of the programme, overworking the students because the institute had a few workers and finally the animals were few in number and some students did not get their hands on some practicals which were done.

In conclusion, the program was fairly completed and **BUAC** should continue with it since students benefit a lot from it. I recommend **BUAC** management to reduce the industrial training period to 8 weeks and also reduce on the big size of the log books. For **LES**, they should recruit more workers, buy more animals and more tools and equipment for use in the different sections so that students get enough practicals so that they get all what they need for their completion of their courses with all the necessary skills and knowledge, which they can apply and be able to start up their own agricultural enterprises so as to earn income and hence improve on their livelihoods.

## **1.0 CHAPTER ONE: INTRODUCTION**

### **1.1 BACKGROUND**

LES is situated in Wakiso district 7 miles from Kitooro trading centre along Entebbe International Airport Road, around the shores of Lake Victoria, Busiro County, Katabi sub-county, Bugonga Parish, Kigungu Village, covering an area of 132 acres of land before the expansion of the International airport which covered part of its land.

It was established in 1950's by the British government, initially called Veterinarian Training Complex and as a Quarantine station.

In 1990, it was handed over to **MAAIF** as **NAGRC&DB – LES**.

**LES** is a branch of **NAGRC&DB**, P.O.Box 183 Entebbe-Uganda. Telephone:0414320831 .Fax:256-41349422,Email:cattbrd@gmail.com, Website: www.nagrc.go.ug, a government organization under the Ministry of Agriculture Animal Industry and Fisheries with its headquarters in Entebbe.

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

The institution also breeds Kuroiler chicken and Rainbow chicken from which eggs and chicks produced are sold to the community around and to other farmers in the country at large.

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

### **1.2 MANDATE AND ACTIVITIES**

The **NAGRC&DB** was established by an Act of Parliament, the Animal Breeding Act, 2001. It is a body corporate mandated to take a leading role in establishing a comprehensive National Animal Breeding Programme in Uganda.