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**FACULTY OF AGRICULTURE AND ANIMAL SCIENCES**

**INDUSTRIAL TRAINING REPORT CARRIED OUT AT NATIONAL ANIMAL  
GENETIC RESOURCES CENTRE AND DATABANK (NAGRC&DB) LIVESTOCK  
EXPERIMENTAL STATION FARM ENTEBBE**

FROM 21<sup>st</sup> MAY 2017 TO 27<sup>th</sup> JULY 2018

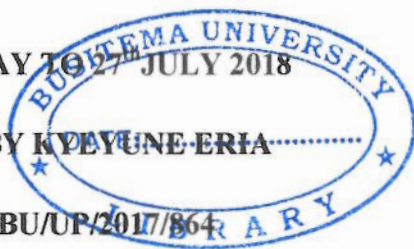
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COURSE CODE: DAP1301

**SUBMITTED TO THE DEPARTMENT OF EXTENSION AND AGRI-BUSINESS  
BUSITEMA UNIVERSITY ARAPAI CAMPUS IN PARTIAL FULLFILMENT FOR THE  
AWARD OF A DIPLOMA IN ANIMAL PRODUCTION AND MANAGEMENT.**



DECLARATION:

I KYEYUNE ERIA declare that all the information in this report was carried out collected and complied by me. No copy of this report has already been or will be submitted to any university or institution for any award without my knowledge.

SIGN ..... *Eria* ..... DATE ..... *27<sup>th</sup>/7/2018* .....

FIELD SUPERVISOR

NAME: *MULAMANYA CLEMENT* ..... (1)

SIGN ..... *[Signature]* .....

DATE: *27/07/2018* .....

ACADEMIC SUPERVISOR

NAME: ..... DATE: .....

SIGN: .....



## **DEDICATION**

I dedicate this report to my father Mr. Babumba Samuel, my field supervisors; Mr. Nuwamanya Clement, Mr. Baguma Noel and Mr. Rwakabura Godfrey



### **ACKNOWLEDGEMENT.**

I would like to extend my sincere appreciation and gratitude to the management of Livestock Experimental station farm for accepting me to carry out my industrial training at their farm.

My appreciation goes to my field supervisors Dr. Nuwamanya Clement, Mr. Rwakabura Godfrey who guided me in all my activities at the farm. This has enabled me to acquire practical skills most of the management practices in poultry, piggery and dairy production.

May the almighty God bless you.



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## LIST OF ABBREVIATION

NAGRIC&DB	National animal genetic resource Centre and databank
A.I	Artificial Insemination
FAO	Food and agricultural organization
AU-IBAR,	African union inter Africa bureau for animal resources
NAADS	National agricultural advisory services
MAAIF;	Ministry of agriculture animal industry and fisheries
MADs	Ministries, department, and agencies
NARO	National agricultural research organization
MOET.	Multiple Ovulation Embryo Transfer
i.e.	That is to say
e. g.	For example
Dr.	Doctor.
NO.	Number

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## ABSTRACT

I carried out my industrial training at Livestock experimental station farm under NAGRC &DB which is located at Entebbe municipality near Entebbe international airport with aims of applying the principals and techniques theoretically learnt in class into real life problem solving situations, get more knowledge of work ethics, employment demands, responsibilities and opportunities and apply basic research concepts especially data gathering and analysis. I got participated in activities cleaning pig sty, feeding of animals and birds, slashing, deworming, castration, ear tagging, milking, washing milking utensils, embryo collection, artificial insemination, dipping, cleaning parlor, vaccination, candling, sorting of eggs turning litter, disease diagnosis and treatment

Those activities enabled me to successfully gain skills in using the dip stick, dipping animals and dip management ,how to differentiate breeds of dairy cattle, administering of drugs to animals through different routes, gained skills in vaccinating chicks against mareks and new castle disease, diagnosing animals diseases and carrying out postmortem, record keeping , hatchery skills and more knowledge like egg sorting, regulating temperature in an incubator and rules governing hatchery.

Conclusively, I faced some challenges like Poor condition of some farm structure, shortages of water for livestock, lack of enough tools and equipment used in carrying out different activities, shortage of feeds, Harsh climatic conditions like heavy rains.

I therefore recommend the managing staff of LES farm that more farm buildings should be constructed to reduce on overcrowding of livestock, Feeds should be purchased in plenty to minimize shortages, Water supply system should be improved and more storage tanks purchased to reduce water shortages, more farm tools should be purchased to enable each student participate in the activities fully.



## **1.0 CHAPTER ONE: INTRODUCTION**

### **1.1 BACK GROUND OF NATIONAL ANIMAL AND GENETIC RESOURCES CENTRE AND DATA BANK**

The National Animal Breeding Genetics Resources and Data Bank (NAGRC &DB) was established by the animal breeding Act. 2001. it's one of statutory semi-autonomous bodies of the Ministry of Agriculture Animals industry and Fisheries (MAAIF).

Formation of National Animal Breeding Genetics Resources And Data Bank was part of the fulfillment of the aspirations in the National animal Breeding policy (1997) document and the Action plan for its implementation providing guidelines to all actors in the animal breeding and production value -chain actors included input suppliers, farmers, companies, researchers, Extension workers and civil leaders on suitable breeds for the various ecological and production systems. It also provided for alternative breeding programmes: Import, export and trade in genetic materials; breeding and Management systems for the conservation and sustainable use of indigenous genetic resources and use of modern breeding technologies in the country. NAGRIC &DB was established with two fold mandate, namely; to play a leading role in the commercialization of animal breeding activities that enhance animal genetic improvement and productivity.

#### **Location**

Livestock Experimental Station Farm is one of the farms under NAGRIC & DB and it's located in Entebbe municipality, division B, Wakiso district .It is 7 kilometers away from Entebbe town near the Entebbe international airport. The farm was established initially on 132 hectares but under presidential directorate, 44 hectares were given out for the expansion of Entebbe international airport and now it is located on 88 hectares. It has 33 employees i.e. 12 staff members and 21 casual workers.