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INDUSTRIAL TRAINING REPORT CARRIED OUT AT NATIONAL ANIMAL GENETIC RESOURCES CENTRE AND DATABANK (NAGRC&DB), MINISTRY OF AGRICULTURE, ANIMAL INDUSTRY AND FISHERIES

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FROM: 21/ MAY-2018 TO 27/JULY/ 2018

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SUBMITTED TO THE DEPARTMENT OF EXTENSION AND AGRI-BUSINESS BUSITEMA UNIVERSITY ARAPAI CAMPUS AS APARTIAL FULLFILLMENT FOR THE AWARD OF ADIPLOMA IN ANIMAL PRODUCTION AND MANAGEMENT OF BUSITEMA UNIVERSITY.

DECLARATION

I BALIKANDA RASHID declare to the best of my knowledge and belief that this is entirely my effort and this report has not already received any academic credit from another institution and never been submitted to any institution by any person for the acquisition of any award for an academic program. The information and data in this document conducted and collected by;

SIGN.....Bali.....

DATE...19/09/2018.....

Approval of report

FIELD SUPERVISOR

Mr. NUWAMANYA CLEMENT

Signature……

Date…27/07/2018……..

ACADEMIC SUPERVISOR

Mr. ADAKU ROBERT

Lecturer at faculty of agriculture and animal sciences, Busitema University

Signature……

Date…27/07/2018…….

DEDICATION

I dedicate this report to my parents Mr. Ssaka Baker and Mrs.Ayesiga Aisha, my brothers and sisters for their love and support during my training, my friends, Mr.Rwakabula Godfery who was my field supervisor plus Mr. Adaku Robert my academic supervisor for the guidance they showed and gave me during my training

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ACKNOWLEDGEMENT

I thank the Almighty God for the gift of life, love and protection as well as good health given to me.

I acknowledge my field supervisor Mr. Rwakabura Godfrey and Mr. Nuwamanya clement for the support and guidance that has helped me attain all the training required, mentoring and guiding me during my industrial training

I acknowledge the support provided my parents in terms of financial assistance and the encouragements surely the costs of living have been high like high food costs, photocopying, among others but they have stood with me up to the end.

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LIST OF ABBREVIATIONS

NAGRIC&DB..... National Animal Genetic Resource Centre and Databank

LES..... Livestock Experimental Station

A.I ..... Artificial Insemination

MAAIF..... Ministry of Agriculture Animal Industry and Fisheries

FSH..... . Follicle Stimulating Hormone

ECF .... East Coast Fever

ECF .... East Coast Fever

IB .....Infectious Bronchitis

ECF .... East Coast Fever

Mr.....Mister

Ms..... Miss

Kg ..... Kilogram

LIST OF TABLES AND FIGURES

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ABSTRACT

I under took my industrial training at one of the farms under NAGRC&DB which is under LES.The study commenced on 21/5/2018 with orientation and ended on 28/5/2018 a period of 10 weeks. The training was for equipping students with practical skills and relating them to the theory obtained in class. The first two weeks I worked in dairy section. Then all students were given groups and I belonged to group 2.I then continued for another two weeks in piggery section as well as poultry section. The last four weeks in dairysection. Each section is independent of each other.

Dairy section is headed by Mr. Nuwamanya clement and the activities carried out included dipping carried out to control ecto parasites such as ticks milking in order to keep records and estimate productivity of cattle, and disease management of sick animals ,cleaning to maintain hygiene. Poultrysection is headed by Ms Dorothy and activities include cleaning to maintain hygiene, feeding formaintenance, and egg collection for sorting in order to produce chicks forsale in the hatchery. Piggerysection is under Mr. Rwakabura Godfrey and the breed is Camborough. The activities under taken included injecting iron to piglets to prevent piglet anaemia, cleaning the sty for proper sanitation, and as well as treatment of sick pigs to maintain good health.

The challenges faced included inadequate water supply and cleaning tools in all the three sections of study. I recommend the management of NAGRC in particular LES to provide water storage tanks in the different sections of the farm. it should also provide more cleaning equipment in the sections of the farm.

In conclusion , the training was successfully done and I thank the management of LES for giving me an opportunity to train from their farm.

CHAPTER ONE: INTRODUCTION

Industrial training was carried out at LES which is under NAGRC&DB and I was able to attain practical skills which boosted my knowledge from class. The farm has well qualified staff and well stocked with different breeds of cattle. The farm also deals with piggery and poultry sections.it mainly deals with the animal breeding sector and its owned by the government of Uganda under the ministry of agriculture animal industry and fisheries. Students at all levels of education, farmers, customers who buy farm products as well as farm stuff are benefited.

1.1 BACKGROUND OF THE FARM

The national animal genetics resource center and data bank (NAGRIC&DB) was established by the animal breeding act, 2001 .it's one of the statutory semi –autonomous bodies of the ministry of agriculture, animal industry and fisheries (MAAIF) .formation of (NAGRIC&DB) was part of the fulfillment of the aspirations in the animal breeding policy (1997) document and the action plan for its implementation providing guideline to all actors in the animal breeding and production values chain. the actor included inputs supplier farmer ,companies researchers ,extension worker and civic leaders on suitable breeds for the various ecological production systems .it's also provided for alternative breeding programs ,imports ,exports and trade in genetics materials , namely to play a leading role in the commercialization of animal breeding activities in Uganda and to carry out development activities that enhance animal genetics improvements and productivity.

1.2 LOCATION

NAGRC&DB is located in Entebbe, Wakiso district and has nine field stations which include LES with a total average of one hundred and six square miles. It is 7 kms from kitooro along airport road in Entebbe municipality around the shores of lake Victoria.

1.3 MISSION

To establish a profitable comprehensive and sustainable national breeding Programme which meets the commercial and developmentalinterest of the actor along the livestock subsector value chains.