



**BUSITEMA  
UNIVERSITY**  
*Pursuing Excellence*

↑  
39  
—  
60  
↓

A REPORT ABOUT THE INDUSTRIAL TRAINING AT KASOLWE STOCK FARM –  
NAGRC&DB CARRIED OUT FROM 28<sup>TH</sup> FEBRUARY TO 29<sup>TH</sup> APRIL 2022.

DAP1301



COMPILED BY;

NSEREKO RODGERS

1900401326

0770710662

03

[:nserekorodgers@outlook.com](mailto:nserekorodgers@outlook.com)

Employer Kasolwe stock farm under National Animal Genetic Resources Center and Data Bank (NAGRC&DB) – Ministry of Agriculture, Animal Industry and Fisheries.

Location: Kasolwe Stock Farm is located in Kamuli district, 22km from Kamuli Municipality along the towards Bukungu landing site, Kagumba Sub County Kasolwe Parish, Bulagala B village.

**A REPORT SUBMITTED TO THE DEPARTMENT OF ANIMAL PRODUCTION AND  
MANAGEMENT IN PARTIAL FULFILLMENT FOR THE AWARD OF THE**

**DECLARATION**

I declare that this report is my own unaided work. It is being submitted in partial fulfilment of a diploma of animal production and management to Busitema University and it has not been submitted before for any diploma examination to any other University.

**STUDENT**

NAME: NSEREKO RODGERS

Sign.....

Date..... 16/05/2022

**FIELD SUPERVISOR**

NAME:

Sign..... MR. EPINTU DANIEL

Date.....

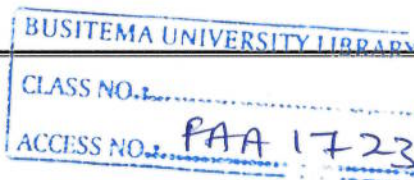


**ACADEMIC SUPERVISOR**

NAME: HAMIRA TUNUSU

Sign.....


Date..... 16.05.2022



## DEDICATION

To my lovely mom and dad who passed away of recent for their endless efforts in my education.

To my course mates Bamuboneirewa Chrispin, NakajigoCharlotte and the kasolwe farm management.



## **ACKNOWLEDGEMENTS**

My most profound gratitude goes to my Supervisor, Ms. Apaje Loyce whose guidance firstly made it possible for my internship request to be accepted by NAGRIC&DB. He read my work in its most unpolished form, made sense out of it and helped me to professionally shape it to the final state. Her critical comments provided a more valid perspective on thoughts, ideas and arguments. The success of this internship was made possible by her able leadership and guidance. You were and you will remain my inspiration. I can surely not forget Mr. Ariko Gilbert who helped choose the best farm for this internship and my academic supervisor madam Owembabazi Lilian who did a very great job in advising me during the report writing.

---

---

**Table of content**

Contents

DECLARATION ..... i

DEDICATION ..... ii

ACKNOWLEDGEMENTS ..... iii

---

Table of content ..... iv

LIST OF ABBREVIATIONS ..... vi

LIST OF TABLES AND FIGURES ..... vii

ABSTRACT ..... viii

CHAPTER ONE; ..... 1

1.1 INTRODUCTION ..... 1

Historical background ..... 1

Vision ..... 1

Mission ..... 1

---

AIMS ..... 1

1.7 ORGANISATION STRUCTURE OF KASOLWE STOCK FARM ..... 2

CHAPTER TWO ..... 3

DESCRIPTION OF ATTACHMENT ..... 3

---

CATTLE AND GOAT SECTIONS ..... 3

CASTRATION ..... 3

PARASITE CONTROL IN CATTLE AND GOATS ..... 4

Spraying of goats ..... 5

EAR TAGGING IN GOATS ..... 6

HOT IRON BRANDING IN CATTLE ..... 6

ARTIFICIAL INSEMINATION.....	6
PREGNANCY DIAGNOSIS IN CATTLE.....	7
TREATMENT OF CATTLE AND GOATS.....	8
CENSUS AND INSPECTION IN CATTLE AND GOATS .....	9
VERIFICATION OF GOATS AND CATTLE.....	10
PIGGERY SECTION.....	10
<hr/>	
Cleaning and disinfecting the sty .....	11
Deworming of pigs .....	11
FENCING: .....	11
FEED PROCESSING AND MIXING.....	11
Hand mixing of the feeds.....	12
AQUACULTURE SECTION.....	13
Feeding .....	13
Fish sampling.....	13
Pond construction and liming .....	14
<hr/>	
Introduction of brooder stock .....	14
Maggot production .....	14
ACTIVITIES IN THE POULTRY HOUSE.....	15
FEEDING: .....	15
<hr/>	
WATERING.....	15
TURNING LITTER .....	15
REMOVING LITTER.....	15
CLEANING / DUSTING LOUVERS.....	15
EGG COLLECTION.....	16
REPARATION OF POULTRY HOUSE FOR NEW STOCK OF BIRDS .....	16

ANTEMORTEM AND POSTMORTEM.....	16
PASTURE ESTABLISHMENT .....	16
CHAPTER THREE .....	17
3.0 IMPACT OF ATTACHMENT .....	17
3.2 Skills and qualifications acquired .....	17
CHAPTER FOUR.....	19
<hr/>	
Appendix .....	19
Appendix 1 .....	19
Appendix 2.....	23
Reference .....	24

**LIST OF ABBREVIATIONS**

NAGRC&DB	National Animal Genetic Resource Centre and Data bank.
KSF	Kasolwe Stock Farm
ABC	Animal Breeding Center
OTC.	Oxytetracycline

## LIST OF TABLES AND FIGURES

Table 1; showing routes of drug administration.....	8
Table 2; showing census in cattle.....	9
Table 3; showing census in goats .....	9
Table 4; showing breeds of pigs .....	10
<hr/>	
Table 5; feed formular.....	12
Table 6; showing fish species .....	13
Figure 1; showing Nsereko doing Pd in a cow.....	22
Figure 2; showing Nsereko harvesting fish.....	22
Figure 3; showing Nsereko restraining pig prior treatment.....	23
Figure 4; showing Nsereko fencing.....	23.....



## ABSTRACT

This report discusses the detailed activities that I carried out at kasolwe stock farm in kamuli district during my internship which was on for 9 weeks from the 28<sup>th</sup> of February to the 6<sup>th</sup> of May 2022. The farm was undergoing renovation and at the same time being upgraded were new infrastructure were being established including the feed processing plant, new dairy unit, poultry and the pig sections.

During my industrial training, the following are the activities I carried out, postmortem, castration, pregnancy diagnosis, disease diagnosis and treatment, deworming, branding and artificial insemination, pond construction, liming and fish stocking, fish identification, sexing, and sampling, feed formulation, rationing and mixing, machine processing of feeds, maggot production, feeding of livestock, cattle dipping, spraying of goats, ear tagging. I the course of the training gained skills in postmortem, pregnancy diagnosis, artificial insemination, disease diagnosis and treatment, management of livestock in terms of feeding, feed formulation rationing and mixing, Machine processing of feeds, maggot production, fish farming and pond construction. I also faced some challenges like long distance from the place of residence to the training station, language barrier with some staff. In conclusion my industrial training went on successfully and it has helped me build confidence in my profession and gain experience, I can now have carried most of the practical activities in the course am pursuing. I recommend the farm to construct a laboratory to enable practical during postmortem, a cattle shade for the local herd of cattle and also provide meals for students at farm

## CHAPTER ONE;

### 1.1 INTRODUCTION

Kasolwe Stock Farm is one of the twelve livestock center farms managed by NAGRIC&DB under MAAIF located in Bulagala B village, Kasolwe Parish, Kagumba Sub-County Kamuli district 22 km from Kamuli town along Bukungu road with a total land size of 1920 acres.

#### Historical background

The farm started in 1969 as a citrus farm but insufficient water sources led to its transformation into a Friesian/ dairy farm which also didn't thrive due to insurgency until 2003 when NAGRIC&DB started the management of the farm which transformed it into a conservation livestock farm for especially indigenous East African Short Horned Zebu and Small East African goats in line with the Conservation of biodiversity, sustainable utilization and development of indigenous animal genetic resources in NAGRIC&DB as stipulated in the five year (2015/16-2020/21) strategic development plan.

Under the Busoga Livestock Transformation Project, the farm is undergoing transition into a center of excellence in livestock farming to serve the entire Busoga region to enhance livestock production and productivity for different livestock species; cattle, goats, piggery, duo- purpose poultry and fish for small holder farmers.

#### Vision

To be a leader in profitable production and efficient service delivery of animal genetic resources and services in East Africa

#### Mission

To establish a comprehensive and sustainable National Animal Breeding Program which meet the commercial and development interests

#### AIMS

Revitalize Kasolwe stock farm to international standard to influence community breeding in the greater Busoga region/area.

Introduction of community breeding in greater Busoga area.