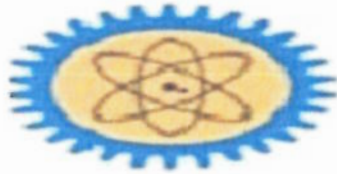


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**BUSITEMA  
UNIVERSITY**  
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**INDUSTRIAL TRAINING REPORT CARRIED OUT AT NATIONAL ANIMAL  
GENETIC RESOURCES CENTER AND DATA BANK P.O. BOX,183,ENTEBE-  
KASOLWE STOCK FARM-BRANCH,KAMULI DISTRICT**

**APM1301**

**COMPLIED BY:**

**NAMATAKA PENINAH**

**2000401415**

**Peninahjolly@gmail.com**

**0772827084/0704018332**



**Employer: National Animal Genetic Resources Center and Data Bank (NAGRC&DB)-  
Kasolwe Stock Farm**

**Location: Kasolwe Stock Farm is located, Kasolwe parish in Kamuli district and 22km from  
Kamuli town**

**TO BE SUBMITTED TO THE FACULTY OF AGRICULTURE AND ANIMAL  
SCIENCES P. O. BOX 203, SOROTI IN PARTIAL FULFILMENT OF THE AWARD  
OF THE DEGREE OF BACHELOR OF ANIMAL PRODUCTION AND  
MANAGEMENT AT BUSITEMA UNIVERSITY**

**DATE OF SUBMISSION..17<sup>th</sup>/05/2022..**

**DECLARATION**

I NAMATAKA PENINAH declare that all the information in this report is my own effort in compiling, analyzing of data during the industrial training and it has never been awarded credit in any other institution for an academic qualification.

Student

Name... NAMATAKA PENINAH

Sign... [Signature]

Date 06<sup>th</sup>/05/2022

Field supervisor

Name... MR. EPINTU DANIEL

Sign... [Signature]

Date... 06/05/2022

Academic supervisor

Name... HAMIRA - LUKASU

Sign... [Signature]

17/05/2022 - ( )



## **DEDICATION**

I dedicate this report to my generous sponsors who have stood with through this academic move more especially my biological parents Mrs. Allen Muduwa and Mr.Simon wojambuka.



## **ACKNOWLEDGEMENT**

First and foremost, I would like to thank the Almighty GOD who has protected me through the training period. I extend my gratitude to the DR. EPINYU DANIEL manager of KSF NAGRC&DB and the entire organization of National Animal Genetic Resources and Data Bank in the Ministry of Agriculture, Animal Industry and Fisheries for accepting me to do my industrial training on one of their farms.

Special thanks go to;

- The assistant manager, Mrs. Apaje Loyce
- The managers of the different enterprises
- All the working staff of the different enterprises

Your infinite assistance, guidance, generosity and great love you have given to us Will always be remembered.

May God bless and reward you all abundantly for the kindness and sympathy towards me during the training.

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## LIST OF ABBREVIATIONS

NAGRC&DB – National Animal Genetic Resource & Data Bank

KSF – Kasolwe Stock Farm

EASHZ – East African Short Horned Zebu

S.E.A – Small East African

PM – Postmortem.

AI- Artificial insemination

DCP-Dicalcium phosphate.

Kg-kilograms

i.e.- that is to say

SC-Screw conveyers

MAAIF-Ministry of Agriculture, Animal Industry and Fisheries.

BUAC- Busitema University Arapai Campus

l- Liters

m – Meters

Fig- figure.



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## ABSTRACT

This report consists of all the activities, skills, challenges, conclusion and recommendation during my industrial training at Kasolwe Stock Farm which started on 28/02/2022 to 06/05/2022. Kasolwe stock Farm is a government farm under the NAGRIC&DB, the farm has six major enterprises like cattle, piggery, poultry, goats, aquaculture, and the feed mill. The farm is aimed at production of the best breeds of livestock and high animal feeds to the country and the world at large. The major objectives of the industrial training were to enable students build confidence in the practical aspect of their profession, gain experience and get exposed to the field. 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.



## **1.0 CHAPTER ONE**

### **1.1 INTRODUCTION:**

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Kasolwe stock farm is a government owned farm under NAGRC/DB under MAAIF. This farm mainly operates in animal sector specialized in six main enterprises; cattle, goats, aquaculture, piggery, poultry, and feed meal.

### **1.2 BACKGROUND**

KSF started IN 1969 it is located in Bulagala B village, Kasolwe parish, Kagumba Sub County, Kamuli district and 22km from Kamuli town along Bulungi. The farm a total land size of 3 square miles.

Initially it was a citrus farm but due to insufficient water sources it was later on transformed into Friesian dairy farm, which did not thrive due to insurgency; until 2003 when the farm transits to conservation livestock farm for especially, the indigenous East African Short Horn Zebu and Small East African goats. This key result area is in line with the conservations of biodiversity, sustainable utilization and development of indigenous animal genetic resources in NAGRC/DB. KSF also started upgrade of indigenous EASHZ with jersey and Frisians breeds of dairy cattle to meet the community demand in terms of milk.

Until financial year 2019/2020 under Busoga Livestock Transformation Project, farm is in the revolutionization of livestock farming into a center of excellence to serve the entire eleven districts of greater Busoga region. The project is focusing on enhancing livestock production and productivity for different livestock species: cattle (dairy and beef), goats (goat meat), piggery, poultry (dual purpose birds-Kuroifer and rainbow roosters) and fish.

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 equip them with skills in animal production and management. The aim is to improve on livelihood and development of the nation in terms of agriculture.

### **1.3 VISSION**

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