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**BUSITEMA  
UNIVERSITY**  
*Pursuing Excellence*

**A REPORT ON SKILLS AND QUALIFICATIONS ATTAINED DURING  
INDUSTRIAL TRAINING AT KASOLWE STOCK FARM – NAGRC&DB.**

**COMPILED BY;**

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**BU/UP/2017/196**

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**Employer: National Animal Genetic Resources Center and Data Bank (NAGRC&DB) –  
Kasolwe stock farm, 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**

**DATE: 28th February 2022.**

**A REPORT SUBMITTED TO THE DEPARTMENT OF ANIMAL PRODUCTION  
AND MANAGEMENT IN PARTIAL FULFILLMENT FOR THE AWARD OF THE  
DEGREE OF BACHELOR IN ANIMAL PRODUCTION AND MANAGEMENT OF  
BUSITEMA UNIVERSITY.**

**DECLARATION**

I KIBIKYO JOSEPH declare that this report was out of my zealous effort during the internship but not from somebody else and has not yet been awarded academic credit from any university or institution.

**STUDENT**


NAME: KIBIKYO JOSEPH

Sign..... 

Date..... 06/05/2022

**FIELD SUPERVISOR**

NAME: MR. EPINTO DANIEL

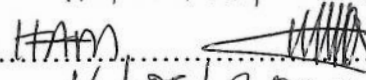
Sign..... 

Date..... 06/05/2022



**ACADEMIC SUPERVISOR**

NAME: HAMIRA JUNJUSU

Sign..... 

Date..... 16/05/2022



## DEDICATION

This work is dedicated to my grandmother Mrs. GETRUDE KIBIKYO who has supported me not only academically but also in all facets of life and still supporting me up now when at the university. I also dedicate it to my mother Rev. MUKISA JOY ISABIRYE and my father Eng. ISABIRYE GRACE who have always pushed me financially and given me more than what any affectionate parent can give to a son pursuing animal sciences at this level, to the diligent yet caring field supervisor Madam APAJE LOYCE for working tirelessly to pass on practical expertise and acquaintance to me.

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## ACKNOWLEDGEMENT

I modestly thank GOD who protected me through the training period. I extend my gratitude to the Human Resource-NAGRC&DB Livestock Mr. Gregory 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;

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- The Animal Husbandry officer, Mrs. Apaje Loyce
- The different field technicians in their respective sections at the farm
- And my fellow students at the farm at the time of the internship program.

Your infinite assistance, guidance, generosity and tolerance during the training will not be forgotten.

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 Centre and Data Bank.

KSF Kasolwe Stock Farm

ABC Animal Breeding Center

PD.Pregnancy Diagnosis

PM.Post Mortem.

AM.AnteMortem

PDN.Production.

I.e. that is to say

E.g. For example

LDL-Low Dip Level

HDL-High Dip Level



## ABSTRACT

The objective of this industrial training is to make students benefit from the skills and knowledge gained from the fields, apply the knowledge they get from the classroom in the field and build confidence in the students. I held my internship at Kasolwe Stock Farm from the 28th of February 2022 to 6th May 2022. KSF is a government farm with five main enterprises i.e.; cattle, poultry, piggery, aquaculture and nutrition. It is aimed at training farmers for producing high quality and quantity milk, beef, pork, eggs, chicken, fish and feeds. . The major activities include;

- Pond construction, sexing, sampling, grading, feeding, pond maintenance under aquaculture section.
- Census, disinfection of all units, inspection, treatment, isolation of sick birds, feeding, cleaning poultry units, collecting eggs, litter management in the poultry section.
- Feed rationing, feed mixing, postharvest handling and pasture management in the nutrition section.
- Castration, pregnancy diagnosis, branding, deworming, artificial insemination, dipping, census and verification, inspection, treatment, ear tagging in the cattle section.
- Spraying, inspection and treatment, deworming, census, post mortem in goat section.

The training exposed me to the practical concept of the classroom knowledge and equipped me with skills and knowledge of practice in livestock management hence pride in the effort.

I recommend that the farm lobbies for better power supply that is reliable because this was the only limiting factor in our daily farm endeavors.

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## **CHAPTER ONE**

### **1.0 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.

### **1.1 HISTOTICAL 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.

### **1.2 VISION**

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

### **1.3 MISSION**

To establish a comprehensive and sustainable National Animal Breeding Program which meets the commercial and development interests of the actors along the livestock subsector value chains.

### **1.4 GOAL**

To contribute to the transformation of the agricultural sector enhancing sustainable livestock productivity through conservation and improvement of animal genetic resources.

### **1.5 OBJECTIVES OF KSF/ FIELD ATTACHMENT**

Main objective

- The goal of the project is to increase the production and productivity of small holders farmers in the greater Busoga region with the revitalization of kasolwe stock farm to serve as a Centre of excellence for animal resources business incubation, breeding and invention.