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Pursuing Excellence

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

COMPILED BY:

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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.

DECLARATION

I **BIRUNGI MATIA** declare that this report was out of my tireless effort during the internship and not from somebody else and has not yet been awarded any academic credit from any university or institution anywhere whatsoever.

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NATIONAL ANIMAL GENETIC
RESOURCES CENTRE & DATA BANK (NAGRC&DB.)
★ 06 MAY 2022 ★
KASOLWE STOCK FARM

FIELD SUPERVISOR

NAME: MR. EPINTU DANIEL

Sign: [Signature]

Date: 06/05/2022

ACADEMIC SUPERVISOR

NAME: HAMIRA JUNUSY

Sign: [Signature]

Date: 16/05/2022

DEDICATION

This work is dedicated to my parents Mr. **ANATOLI SEMAMBO** who has supported me not only academically but also in all accents of life and still supporting me up to now when at the University. I also defecated it to my mother miss **NYAMAHUNGE JOSEPHINE** who have always pushed me financially and given me more than what any affectionate parent can give to their son pursuing diploma at this level, to diligent get caring field supervisor miss **APEJO LOYCE** for working tirelessly to pass on practical skills to me.



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:

- The manager Kasolwe Stock Farm, Mr. Epinyu Daniel
- The Animal Husbandry officer, Mrs. Apaje Joyce
- 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.

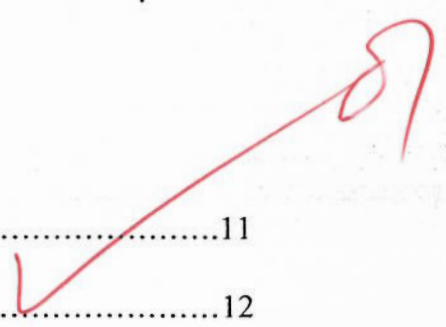
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LIST OF ABBREVIATIONS

NAGRC&DB	National Animal Genetic Resource Centre and Data Bank.
KSF	Kasolwe Stock Farm.
ABC	Animal Breeding Center.
MAAIF	Ministry of Agriculture, Animal Industry and Fisheries.
LDL	Low density level
HDL	High density level

ABSTACT

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, it comprises of six main enterprises i.e. cattle, small ruminants, piggery, poultry, aquaculture, and a feed processing plant. It's aimed at increasing production and productivity of small holder farmers in the greater Busoga region. The internship at KSF provided practical skills, field practice and experience to enhance the theoretical knowledge that is learnt from class. My objectives were to acquire knowledge and skills about the following;

- Animal diseases, signs and symptoms
- Feed processing and packaging
- Black soldier fly larvae production
- Pasture establishment and management
- Animal husbandry practices and get hands on experience e.g. castration, identification, dipping and pregnancy diagnosis.

Routine management practices included census, inspection, verification, dipping, treatment, cleaning and feeding of livestock.

The training revealed that the theory taught in class is similar to what is practically done in the field for example the drugs, route of administration, dosage and importance are the same as in class since the results are shown practically. It also revealed that for any enterprise to succeed, production and management should move hand in hand. A lot of hard work, sacrifice, dedication and information are paramount therefore more animal scientists should be trained to advice and guide farmers on animal production and management.

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.

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.

Mandate

The mandate of kasolwe stock farm has recently changed from being a conservation and kasolwe Brown goats to " Livestock, transformation Centre of excellence for the greater Busoga region.

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 meets the commercial and development interests of the actors along the livestock subsector value chains.