



**BUSITEMA
UNIVERSITY**
Pursuing Excellence



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

Employer; National Animal Genetic Resources Center and Data Bank, Ministry of
Agriculture Animal Industry and fisheries.

Location; Kasolwe stock farm is located in Bulagala B village, Kasolwe parish, Kagumba
Sub county, Kamuli district and 22km from Kamuli town along Bukungu road.

From 28th/02/2022 to 6th/05/2022

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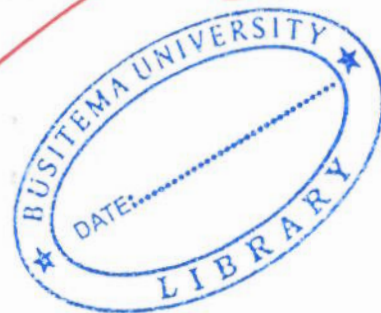
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Course code:

Year; 2019/2020



TO BE SUBMITTED TO THE FACULTY OF AGRICULTURE AND ANIMAL
SCIENCES IN PARTIAL FULFILMENT FOR THE AWARD OF A DIPLOMA IN
ANIMAL PRODUCTION AND MANAGEMENT OF BUSITEMA UNIVERSITY.

MAY, 2022

DECLARATION

I BAGENYI IVAN declare that the content in this report is out of my effort that I applied in gathering the information during the course of the industrial training and that it has never been submitted to any university or institution for the award of academic credit.

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Sign; [Signature] Date; 16/05/2022



DEDICATION

I dedicate this work to my beloved parents Mr. Bigumirwa Peter and Mrs. Kiizire Tapenensi who have struggled for me in my studies up to University, not forgetting my lecturers and the staff of kasolwe stock farm who have given in their time to give me knowledge and skills during the course of the industrial training.

ACKNOWLEDGEMENT

I thank the almighty God for the wisdom that He granted me during the course of the industrial training.

Great thanks goes to my parents and my brother Mbakizaki Gerald for their tireless support towards my education not forgetting my fellow internees and the staff of kasolwe stock farm for being cooperative in handling the activities during the course of the industrial training. I also thank my friends that have been supporting me financially during the course of the industrial training.

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LIST OF ABBREVIATIONS

NAGRC&DB	National Animal Genetic Resources Center and Data Bank.
KSF	Kasolwe stock farm
PD	pregnancy diagnosis
AI	Artificial insemination
LA	long acting
DCP	Dry crude protein
MAAIF	Ministry of Agriculture Animal Industry and fisheries.
IT	Industrial training.
EASHZ	East African short horn zebu.

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ABSTRACT.

This report contains and explains the background information of kasolwe stock farm, the different sections and the activities performed in each section, skills acquired during the course of industrial training, the conclusions, challenges and the recommendations to the challenges faced during my IT from the 28th/02/2022 to 6th/05/2022.

Kasolwe stock farm is a government farm managed by NAGRC &DB under the Ministry of Agriculture Animal Industry and Fisheries. Its main objective is to serve as a center of excellence for animal resources business incubation, breeding and invention.

The industrial training at KSF was to provide me with skills and practical knowledge about animal production and management to enhance the theoretical knowledge that is learnt from class.

The farm deals mainly in livestock divided into sections including the poultry section, goat section, piggery, aquaculture, cattle and the feed mill where animal feeds are processed. The activities performed during the course of my IT include;

Inspection, feeding, cleaning, turning litter and postmortem in the poultry section. Identification, ear tagging, spraying, census, postmortem, castration and treatment in goats. Disinfecting, cleaning and deworming in the piggery section. Fish sampling, pond construction, feeding and sexing of fish in aquaculture. Inspection, verification, castration, PD in the cattle section. Feed formulation, feed mixing and packaging in the feed mill section.

I acquired skills, undertook responsibilities and the IT added a lot to my future career, revealing that the knowledge attained in class is applicable in the practical farm work.

In conclusion, the IT was done successfully though there were some challenges I encountered for example moving long distances to the farm. I therefore recommend that the farm should have residential halls to accommodate internship students.

1.0 CHAPTER ONE: INTRODUCTION

Kasolwe stock farm is one of the twelve livestock center farms managed by National Animal Genetic Resources Center and Data Bank (NAGRC &DB) under the Ministry of Agriculture Animal Industry and Fisheries (MAAIF).

Location; kasolwe stock farm is located in Bulagala B village, Kasolwe parish, Kagumba sub county Kamuli district and 22km from Kamuli town along Bukungu road.

Land size; the farm has a total land size of 3square miles (1920 acres).

1.1 BACKGROUND INFORMATION

The farm started in 1969 where it was initially a citrus farm but due to insufficient water sources, it was later transformed into a Friesian/dairy farm which did not thrive due to insurgency until when NAGRC &DB started management where the farm transit to a conservation livestock farm for especially the indigenous East African short horn zebu (EASHZ) and small East African goats. This key area result is in line with the conservation of biodiversity, sustainable utilization and development of indigenous animal genetic resources in NAGRC&DB as stipulated in five years (2015/16 to 2020/21) strategic development plan.

Mandate; the mandate of kasolwe stock farm has recently changed from being a conservation center of EASHZ and kasolwe brown goats to a “livestock transformation center of excellence” for the greater Busoga region.

1.2 VISION

To be a leader in profitable production and efficient delivery of animal genetic resources of Eastern 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 chain.

NAGRC &DB goal; To enhance the competitive and sustainability of the livestock industry.