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**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 road towards Bukungu landing site, Kagumba Sub County Kasolwe Parish

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**A REPORT SUBMITTED TO THE DEPARTMENT OF ANIMAL PRODUCTION AND  
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DIPLOMA IN ANIMAL PRODUCTION AND MANAGEMENT OF BUSITEMA  
UNIVERSITY.**

**DECLARATION**

I EDIELU WILFRED MARTIN 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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## **DEDICATION**

This report is dedicated to all staff members of Busitema University specifically Arapai campus, my beloved ant Mrs.AMODING BETTY and my uncle Mr. ODONGO JAMES ROBERT for the financial support given to me during my training, secondly, I dedicate it to my sincere academic supervisor madam NABULIME LOY and my field supervisors Mrs. APAJE JOYCE AND Mr. EPINYU DANIEL for their knowledge given to me, lastly, I thank my friends who have been with me in the industrial training.

## **ACKNOWLEDGEMENT**

I kindly thank GOD who protected and guided 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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- 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.

## LIST OF ABBREVIATIONS

NAGRC&DB	National Animal Genetic Resource Centre and Data Bank.
KSF	Kasolwe Stock Farm
ABC	Animal Breeding Centre
G	Gram
Kg	kilogram
AI	Artificial insemination
Mr.	Mister
Mrs.	Mistress
LDL	Lower dipping level
PD	Pregnancy diagnosis
AI	Artificial insemination
I.e.	That is
TBDS	Tick bone disease

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## **ABSTRACT**

KSF is a government farm, it comprises of six main enterprises i.e., piggery, small ruminants, cattle, 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
- Maggot production
- Pasture establishment and management
- Animal husbandry practices and get hands on experience e.g., castration, identification, and dipping and pregnancy diagnosis.

Routine management practices included census, inspection, verification, dipping, and 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 as their results 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.

## **1.0 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.

### **1.2 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.

### **1.3 VISION**

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

### **1.4 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.

### **1.5 NAGRC & DB GOAL**

To enhance the competitive and sustainability of the livestock industry