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# BUSITEMA UNIVERSITY

*Pursuing Excellence*

AREPORT ON SKILLS AND QUALIFICATIONS ATTAINED DURING THE INDUSTRIAL TRAINING  
CARRIEDOUT AT KASOLWE STOCK FARM –NAGRIC AND DB

28<sup>th</sup> FEB-6<sup>th</sup> MAY 2022

COMPLIED BY

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BU/UG/2020/2419

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LOCATION:

Kasolwe Stock Farm is located in Bulagala B Village, Kasolwe Parish, Kagumba Sub-county Kamuli  
District 22km From Kamuli Town A long Bukungu Road.

COURSE CODE: 1301

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AREPORT SUBMITTED TO THE DEPARTMENT OF ANIMAL PRODUCTOIN AND MANAGEMENT IN  
PARTIAL FULFILLMENT FOR AWARD OF DIPLOMA IN ANIMAL PRODUCTION AND MANAGEMENT OF  
BUSITEMA UNIVERSITY ARAPAI CAMPUS.

**DECLARATION**

I MAFABI KENNETH declare that this industrial training report is of my own work and has not been submitted for any award of diploma in any other institution of higher learning

SIGN: MAFABI KENNETH

DATE: 6<sup>th</sup> - MAY - 2022

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**APPROVAL**

This is to satisfy that MAFABI KENNETH carried out his industrial training at Kasolwe stock farm from 28<sup>th</sup> of FEB to 6<sup>th</sup> MAY 2022..The training of ten weeks and now comprehensive report is ready for submission for award of diploma in animal production and management.

**FIELD SUPERVISOR**

NAME: MR. EPINTU DANIEL

SIGN: 

DATE: 06/05/2022



**UNIVERSITY SUPERVISOR**

NAME: HAMIRA TANUSU

SIGN: 

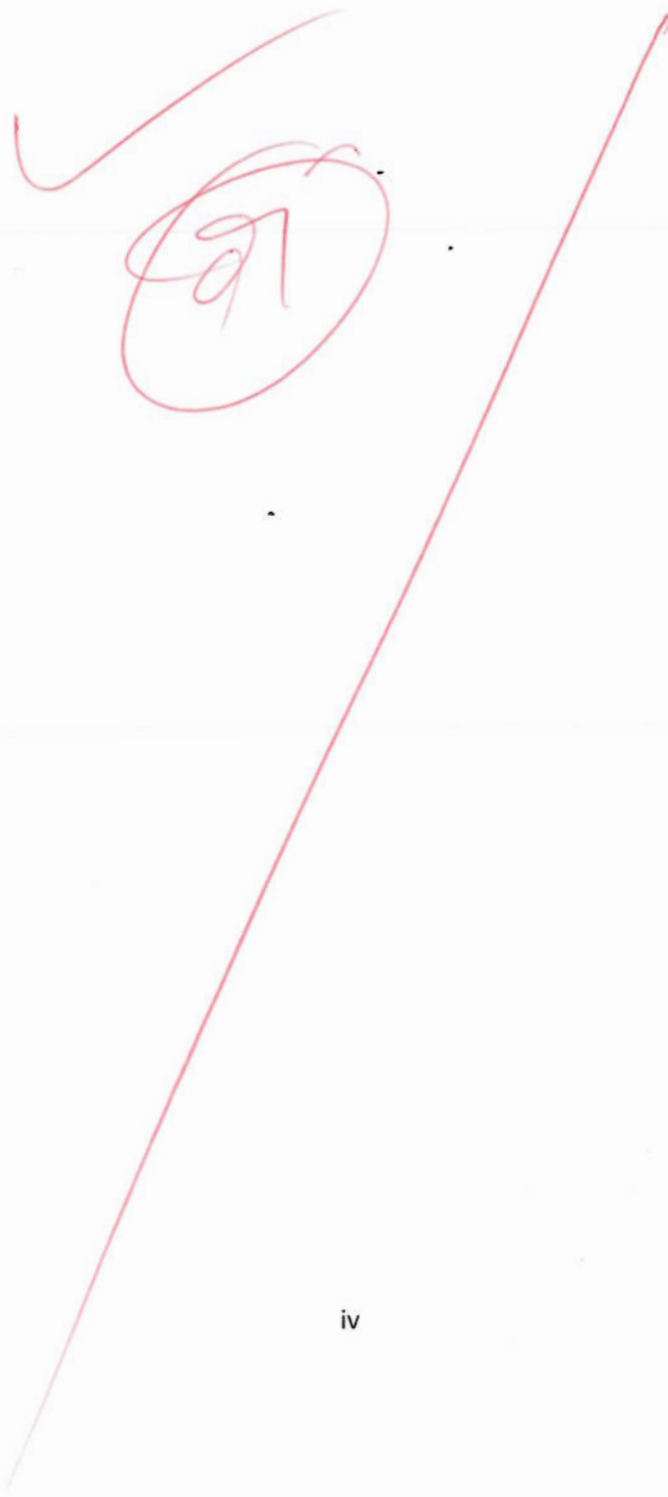
DATE: 16/05/2022

## **DEDICATION**

This work is dedicated to my parents, His Highness Mr. Mukose Stephen and Hon kataike Alice, sisters and brothers most especially Mugabi Ivan Ronald who have supported me not only academically but also in all aspects of life and are still supporting me till now when at university.

My friends Wandera, Stephen, Hassan, and Brenda.

Farm manager ~~Mr.~~ Epinyo Daniel for the support they have rendered to me throughout the exercise



## ACKNOWLEDGEMENT

First and foremost most I would like to thank the almighty god who has protected me through the training period. Secondly, I extend my glade to the human resource NAGRIC and DB livestock, MR GREGORY and the entire organization of national animal genetic resource centers 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

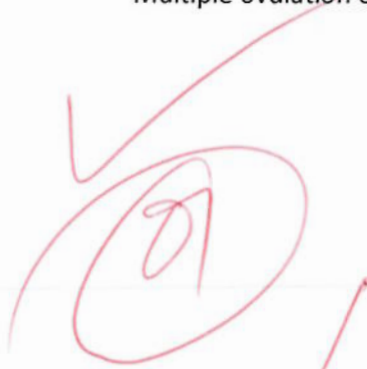
### Special thanks goes to;

- Manager Kasolwe stock farm, ~~Dr.~~ Epinyo Daniel
- The ass manager Kasolwe stock farm, ~~Dr.~~ Apaje Loyce
- And all the field assistants Mr. Ivan, Reuben, Julius and the rest
- Your infinity assistance, guidance, generosity and tolerance during the training will not be forgotten
- I also wish to extend my sincere gratitude to and appreciation to;
- All the staff Kasolwe stock farm and to the various people that have supported me financially, academically, morally, and spiritually during my stay at Kasolwe stock farm
- My campus mates' especially Stephen, Geoffrey, John and Kibikyo with whom we co-operated during our stay at Kasolwe stock farm

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

## LIST OF ABBREVIATION

NAGRC&DB	National animal genetic resource center and data bank
ARTs	Assisted reproductive technologies
AI	Artificial insemination
GMOs	Genetically modified organisms
NPD	Non pregnancy diagnosis
MOET	Multiple ovulation embryo transfer

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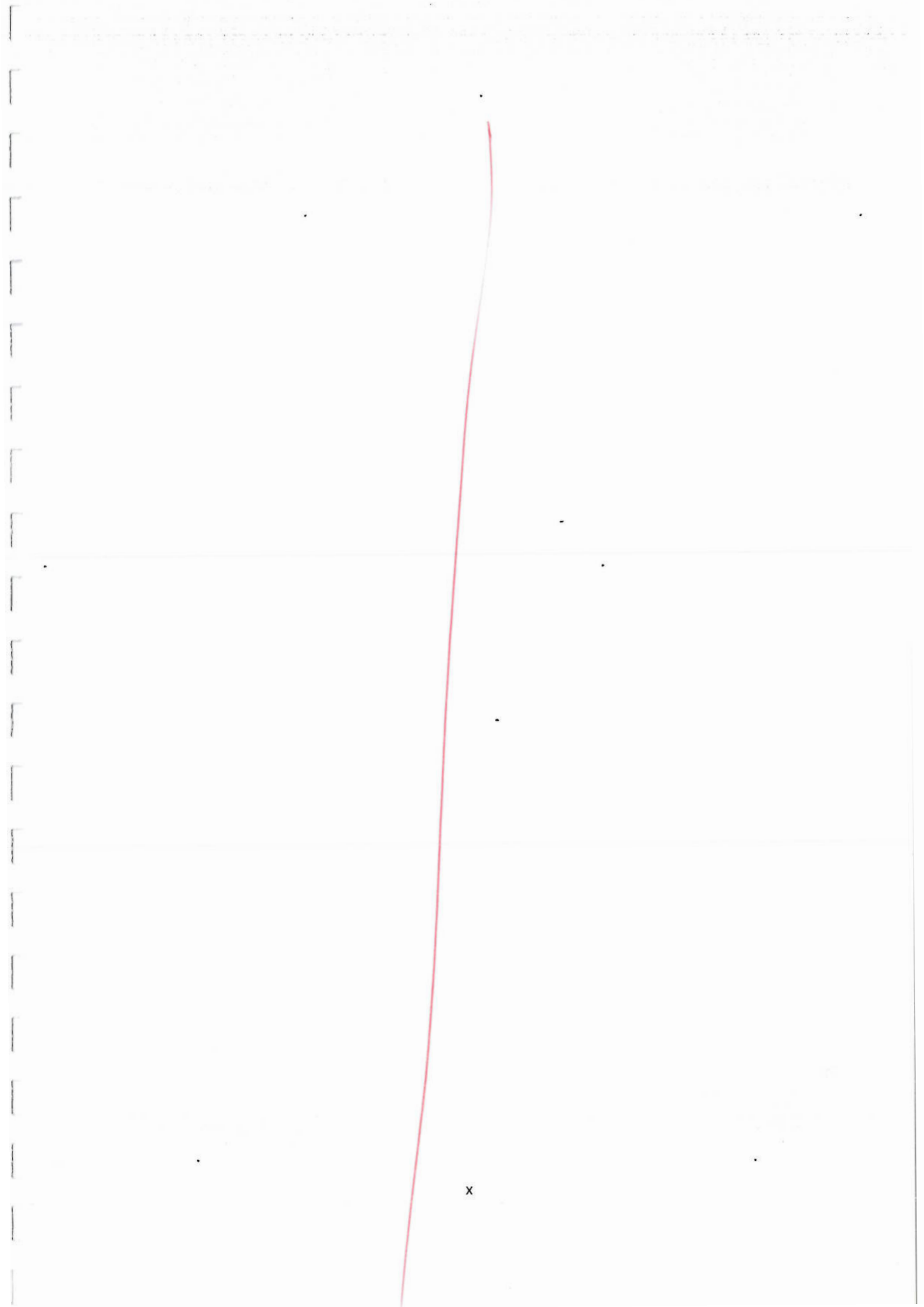
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Work plan 1

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## **ABSTRACT**

The objective of this industrial training is to make students benefit from the skills and knowledge gained from the fields, apply classroom knowledge in the field and build confidence in students

I held my internship at Kasolwe stock farm from 28<sup>th</sup> FEB to 6<sup>th</sup> MAY 2022.

Kasolwe stock farm is a government farm with five major enterprises i.e. poultry, piggery, aquaculture, cattle, and feed processing plant. It is aimed at training farmers for producing high quality eggs, chicken, fish, beef, pork, feeds and milk.

I managed to carry out all the activities which were being carried out at the farm like census of the animals of which I managed to do all the work practically with my fellow students i.e. spraying, inspection, verification, treatment, deworming and castration in both cattle and goats, post mortem in goats, P.D in cattle, branding and A.I in cattle, dipping, fish sampling, grading, sexing, pond construction and feed mixing.

The training revealed that some of the theory taught in class slightly differs from what is practically done in the field i.e. few welfare practices are applied in the field. The unique ones that are observed include;

Providing shelter, treating animals.

The training also revealed that production and management in any enterprise are two different broad activities which must move hand in hand for any farm to get the expected profit

Production and management require a lot of hard work, sacrifice and determination.

It's therefore recommended that more animal husbandry officers should be trained to guide and advice farmers who are facing hardships in production and management

## **1.0 CHAPTER ONE**

### **1.1 INTRODUCTION;**

Kasolwe stock farm is one of the twelve center farms managed by NAGRIC and DB, under the ministry of agriculture animal industry and fisheries (MAAIF)

#### **OBJECTIVES**

- ❖ Introduction of community breeding in greater Busoga area
- ❖ To enhance competitive and sustainability of livestock industry
- ❖ Revitalize Kasolwe stock farm to international standards to influence community breeding in greater Busoga area
- ❖ To increase production and productivity of the smaller holder farmers in the greater Busoga area with the revitalization of Kasolwe stock farm to serve as a center of excellence for animal resources business incubation and breeding

### **1.2 BACKGROUND OF KASOLWE STOCK FARM**

The farm started in 1969. It's located in Bulagala B village, Kasolwe parish, Kagumba sub county Kamuli district and is 22 kilometer from Kamuli town along Bukungu road

Initially, the farm was a citrus farm but, due to insufficient water sources, it was later on transformed into a Frisian/dairy farm, which did not thrive due to insurgency and until 2003 when the farm transit to a conservation livestock farm for especially, the indigenous east African short horned zebu (EASHZ) and small east African goats. This key result area is in line with the conservation of biodiversity, sustainable utilization and development of indigenous animal genetic resources in NAGRIC and DB as stipulated in the five year (2015/2016-2020/2021) strategic development plan

Kasolwe stock farm also started an upgrade of the indigenous EASHZ with jersey and Frisian 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 revolutionalization of livestock farming into a center of excellence to serve the entire eleven districts of the greater Busoga region i.e. Kamuli, Jinja, Mayuge, Iganga, kaliro, Bugweri, Buyende, Luuka, Namutumba and Namayingo.

This revolution was formulated to increase resilience, wealth and positive livelihood outcomes among the small players along livestock value chain. The project is focusing on enhancing livestock production and productivity for the different livestock species: cattle, goats, piggery, poultry and fish i.e. Nile tilapia, African cat fish and mirror carp

### **1.3 .LOCATION AND AREA:**

- Kasolwe stock farm is located in Bulagala B village, Kasolwe parish, Kagumba sub-county Kamuli district and is 22km from Kamuli town along Bukungu road.
- The farm has a total land size of 3 square miles (1,920 acres)