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FACULTY OF AGRICULTURE AND ANIMAL SCIENCES, ARAPAI CAMPUS.

INDUSTRIAL TRAINING ATTACHMENT REPORT CARRIED OUT ON ANIMAL PRODUCTION AND MANAGEMENT AT NATIONAL ANIMAL GENETICI RESOURCES CENTRE AND DATA BANK (NAGRC & DB)-KASOLWE STOCK FARM, KASOLWE PARISH, KAGUMBA SUB-COUNTY, KAMULI DISTRICT FROM 19th/06/2023 TO 12th/08/2023.

COMPILED BY;

TELUTI TITUS MAGONA

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COURSE: DIPLOMA IN ANIMAL PRODUCTION AND MANAGEMENT(DAP)

COURSE CODE: 1301

DATE OF SUBMISSION: 23rd/08/2023

STUDENT'S SIGNATURE: .....

ACADEMIC YEAR 2022/2023

TO BE SUBMITTED TO THE DEPARTMENT OF AGRIBUSINESS AND EXTENSION IN PARTIAL FULFILMENT OF A DIPLOMA IN ANIMAL PRODUCTION AND MANAGEMENT OF BUSITEMA UNIVERSITY.

APPROVAL.

This industrial training report has been submitted for examination for the award of a Diploma in Animal Production and Management with approval of supervisors.

FIELD SUPERVISOR (NAGRC & DB-Kasolwe Stock Farm)

Name: OKOSA JOHN PETER

Signature: .....

Date: 12th/8/2023

Tel: 0775524890

NATIONAL ANIMAL GENETIC RESOURCES CENTRE & DATA BANK (NAGRC&DB.)
★ 12 AUG 2023 ★
KASOLWE STOCK FARM

ACADEMIC SUPERVISOR (Busitema University-Arapai Campus)

Name: Olupot Julius

Signature: .....

Date: 23rd-05-23

Tel: 077H122022

DECLARATION.

I **TELUTI TITUS MAGONA,** do declare that this attachment industrial training report contains contents of my activities that I carried out during my internship training at NAGRC & DB-Kasolwe stock farm and it has never been submitted to any instruction, organization, or University for the award of a Diploma in Animal Production and Management (DAP).

Name: TELUTI TITUS MAGONA

Signature: .....

Date: 23rd/08/2023

Tel: 0705255561 / 0789685100

ACKNOWLEDGEMENT.

I take this honor to thank the Almighty God for prevailing me with good health, journey mercies and guidance for enabling me through the compilation of this attachment IT report successfully.

My utmost gratitude goes to the following people; my parents MR. MAGONA FRANCIS and MRS. ANNET MAGONA, my sister NABUGOSILI PRISCA and my brother MAGOLO MOSES MAGONA for their financial support and guidance. I also extend my appreciation to the staff(lecturers) of Busitema University-Arapai Campus for their academic competence towards the compilation of this IT report.

On the other hand, I appreciate the following people; the field supervisor of NAGRC & DB-Kasolwe Stock Farm MR. OKOSA JOHN PETER, academic supervisor of BUAC, farm manager NAGRC & DB-Kasolwe Stock Farm MR. EPINYU DANIEL, Animal Husbandry Officer NAGRC & DB-Kasolwe Stock Farm MRS. APEGO LOYCE and my friends for their endless commitment, assistance, generosity and professional support they offered to me towards the compilation of this industrial training report successfully.

Lastly but not the list, I extend my gratitude to the Human Resource-NAGRC & DB and the entire team of NAGRC & DB in MAAIF for accepting me do my IT in one of their farms in Uganda. May the Almighty God reward them abundantly.

LIST OF ACRONYMS/ABREVIATIONAS.

NAGRC & DB.	National Animal Genetic Resources Centre and Data Bank.
REG NO.	Registration Number.
OTC.	Oxytetracycline
ETC.	Excetra
KSF.	Kasolwe Stock Farm
EG.	For example.
MAAIF.	Ministry of Agriculture Animal Industry and Fisheries
BUAC.	Busitema University Arapai Campus.
TEL NO.	Telephone Number.
STD NO.	Student Number.
F.	Fareign height.
IE.	That is to say.
KG.	Kilograms
AI.	Artificial Insemination.
S/C.	Subcutaneous.
I/M.	Intramuscular.
I/V.	Intravenous.
IT.	Industrial Training/Internship Training.

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ABSTRACT

This industrial training report contains detailed activities that I carried out at KSF during my IT at NAGRC & DB-Kasolwe Stock Farm which was on for a period of eight (8) weeks from 19th/06/2023 to 12th/08/2023. It was on from Monday to Saturday from 7:00AM-6:00PM. On day 1, I reported to the farm where I was welcomed by Mr. OTIM EMMANUEL who was one of the staff and oriented me together with other students about KSF. IT was meant to enable students get hands on skills in Animal Production and Management with the intention of transferring theoretical knowledge into practical skills within the stipulated time. KSF has seven sections i.e, cattle, poultry, aquaculture, piggery, pasture, goats and feed mill. It revealed that, the theory taught in lecture rooms does not differ from what is practically done in the field.

Activities that I carried out during my IT were; cleaning the goat unit, deworming all diary cattle, ear tagging calves, AI, pregnancy diagnosis, feed processing, cleaning poultry house, desilting the fish pond, hay making etc. Skills that I gained during my IT were; I learnt how to deworm goats and cattle,. Challenges that I faced were, language barrier and walking long distance from my area of residence to the farm. Responsibilities undertaken include; treating cattle, deworming goats and diary cattle, measuring live body weight of cattle etc. The impacts of IT to my future career plans are; I have the capacity to handle most areas with profession due to the skills I have gained. In conclusion, the IT at KSF was successful despite the fact that it had a few challenges. The recommendations are; I recommend that KSF should purchase a standby high-capacity generator due to load shedding at the feed mill, the government should complete the construction of learning Centre.

CHAPTER ONE

1.0. INTRODUCTION.

NAGRC & DB-Kasolwe Stock Farm is one of the fifteen (15) Government livestock center farms managed by NAGRC & DB under MAAIF.

1.1. Location of NAGRC & DB-Kasolwe Stock Farm.

Kasolwe Stock Farm is located in Bugala village, Kasolwe parish, Kagumba Sub-County, Kamuli District in Easter Uganda, Busoga Region in Uganda 22Km from Kamuli town along Bukungu road opposite Kasolwe Primary School. The farm has a total land area of 1,920 acres (3 square miles) with a distance of 4Km farm roads.

1.2. Background/profile/History of NAGRC & DB-Kasolwe Stock Farm.

Kasolwe Stock Farm is one of the National Ranches established in1969 as a citrus farm but due to insufficient water source for irrigation, it collapsed. After an evaluation, the citrus farm was later shifted to Kiige near the shores of lake Kyoga.

This later led to the transformation of Kasolwe citrus farm into a Frisian diary farm which also didn't thrive du to insurgency. In 2003, NAGRC & DB started the management of Kasolwe Stock Farm which transformed it into a conservation livestock farm for mainly indigenous short horned zebu and small East African goats.

This was in line with the conservation of Biodiversity, sustainable utilization and development of indigenous Animal Genetic Resources of NAGRC & DB as stipulated in the five (5) year (2015/16-2020/21) strategic development plan under the Busoga livestock.

In the transformation project, the farm is undergoing transition into a center of excellence in livestock farming to serve the people of the entire Busoga region. This is to enhance livestock production and productivity for different livestock species like; cattle, goats, pigs, Dual purpose poultry birds (Kuroilers) and fish for small holder farms.

Currently, the farm has 75 diary cattle (Pure line Jersey), 141 short horned East African Zebu, 97 indigenous goats (Mubende and Small East African goats), pigs (pure landrace, pure duroc and pure large white), fish (cut fish, Nile tilapia and mirror carp) and poultry birds (Kuroilers).