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A REPORT ON INDUSTRIAL TRAINNING CARRIEDOUT ATKASOLWE STOCK FARM NATIONAL ANIMAL GENETIC RESOURCE CENTRE AND DATA BANK

P.O.BOX KAMULI DISTRICT (U)

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TO BE SUBMITTED TO THE FACULTY OF AGRICULTURE AND ANIMAL SCIENCES, P.O.BOX 203, SOROTI (U) IN PARTIAL FULLFILMENT OF THE AWARD OF THE DIPLOMA IN ANIMAL PRODUCTION AND MANAGEMENT OF BUSITEMA UNIVERSITY

MAY 2022

DECLARATION

I EMERI STEPHEN ,declare that the information contained in this report is my own and has never been submitted to any university or institution for award of any academic credentials, I therefore present it for partial fulfillment of diploma in animal production and management.

Am directly responsible for any concerns or questions that may arise after.

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Signature ..... date 06/MAY/2022

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Signature ..... date 06/05/2022

NATIONAL ANIMAL GENETIC RESOURCES CENTRE & DATA BANK (NAGRC&DB.) 06 MAY 2022 KASOZI LIVESTOCK FARM

Academic supervisor

Name HAMIRA YUNUSU

Signature ..... date 16/05/2022

Dedication

This piece of work is dedicated to all the staffs of kasolwe stock farm and national animal genetic resource centre and data bank at large, my parents, brothers and sisters, Busitema university staff, all the friends and comrades pursuing agricultural courses, livestock farmers and all the professionals in the field of agriculture and animal sciences, all the practitioners in the livestock sector

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Acknowledgement

I would like to thank GOD for his provision, protection and guidance upon my life during the course of the industrial training, I also thank my Mother Miss Akello Perusi, and Brothers, Emeri Amos AND Okiru Richard for their tireless support of my academic life, all my Other brothers , Mwesigwa Ephraim, Okuku Emeri job, my sisters, Mukisa grace, Musasizi Rebecca, Tibasima Sarah, Emeri Recheal, and Emeri docus, and my Dad Mr.Emeri John for their prayers, all the friends most especially Mutesi Halima not forgetting innocent and Elvis and fellow internees, Joel, Joseph, all the staffs of kasolwe stock farm for the training, may God reward you all and meet the desires of your hearts.

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LIST OF ABBREVIATION

NAGRC &DB- national animal genetic resource centre and data bank

KSF- kasolwe stock farm

IM- intramascular

SC-sub cutaneouis

CP-crude protein

SC1,2,3,4- screw conveyor 1,2,3,4

SBM- soy bean meal

P- phosphorous

Ca- calcium

DCP- dicalciumphosphate

PD- pregnancy diagnosis

AI- artificial insemination

Gms-grams

Kgs -kilograms

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Table 1 shows disease treatment in goats

Table 2 shows breed identification in pigs

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ABSTRACT

This report contains, the background, activities carried out, skills and qualifications gained, challenges faced, conclusions and recommendations for industrial training carried out from 28/2/2022 to 6/5/2022 at Kasolwe Stock Farm, kamuli district.

The main objectives of the training was to enable me apply classroom knowledge in the field, gain more skills and experience, build confidence and exposure to the job market as well as making connections.

On reporting to the training ground, they oriented us and allocated us to the different sections in the farm to attend per week, the sections are; cattle with 106 zebus and 45low grade jersey crosses , goat with 250 goats, poultry with5600birds ,aquaculture ,piggery with 109pigs and feed mill.

I did a number of activities in the different sections among which are ,branding, castration, dipping, deworming, pregnancy diagnosis in cows, pasture establishment, post mortem inspection , fish pond construction, fish sampling, maggot production ,feed formulation and mixing, cleaning poultry house, among others.

I am proud to therefore report that i learnt and gained skills in; feed formulation, operating feed mill, castration of male animals, post mortem inspection in birds and goats, fish grading sampling and sexing, dipping and dip management ,disease diagnosis among others.

At the farm, i encountered some challenges like language barrier in some sections, sometimes long hours of work without refreshment, long distance to the training station unstable power, uncomfortable accommodation, and harsh weather.

In my conclusion therefore, the training went on well. objectives were met and am confident that i gained a lot and I can surely serve any community around me as an extension worker.

I recommend that some hostels be built on the farm for students during training, provision of meals on days of heavy work, attendants should be free and willing to use official language, put in place a stand by generator to counter the problem of unstable power.

CHAPTER ONE: INTRODUCTION

LOCATION

KSF is located in Bulagala B village, kasolwe parish, kagumba Sub County, kamuli district and 22 km from kamuli town along bukungu road.

Its among the twelve NAGRIC&DB managed farms under MAAIF .

LAND SIZE

The farm has a total land size of 1920 acres

Back ground formation

NAGRC & DB started the management of the farm in 2003. In 2007, under national livestock productivity improvement project (NLPIP) , 400 east African short horn zebu(EASHZ) were introduced.

The farm also introduced small east African goats. This key is in line with the conservation of biodiversity, sustainable utilization and development of indigenous animal genetic resources in ;

MANDATE

The mandate of KSF has recently changed from being conservation Centre of EASHZ and kasolwe brown goats to a livestock transformation Centre of excellence for the greater Busoga region.

VISION

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

MISSION

To Establish a comprehensive and sustainable national animal breeding program which meets the commercial and development interest of the actors along the livestock subsector value chain.

NAGRC & DB GOAL

To enhance the competitive and sustainability of the livestock industry.

OBJECTIVES OF KSF/ FIELD ATTACHMENT

Main objective