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BUSITEMA UNIVERSITY, ARAPAI CAMPUS
FACULTY OF AGRICULTURE AND ANIMAL SCIENCE
INTERNSHIP REPORT CARRIED OUT AT NATIONAL LIVESTOCK
RESOURCES RESEARCH INSTITUTE (NaLIRRI)
COURSE: DIPLOMA IN ANIMAL PRODUCTION AND
MANAGEMENT

(4)

FROM 21ST MAY 31ST

DATE: JULY 2018

BY



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**REPORT SUBMITTED TO THE FACULTY OF AGRIBUSINESS AND
EXTENSION FOR THE PARTIAL FULFILLMENT FOR THE AWARD OF
THE DIPLOMA IN ANIMAL PRODUCTION AND MANAGEMENT.**

DECLARATION

I, Aanyu Ann Grace, declare that the work written in this report is my original work. This report has never been submitted to any institution for the award of Diploma ^{of} animal production and management. It has therefore been written out of my vibrant participation in the various internship activities at the National livestock Resources Research Institute (NaLIRRI-Nakyesasa)

(1)

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APPROVAL

This internship report has been submitted and approved by the undersigned persons on the date of 31st/JULY/2018 as a requirement for the award of a Diploma in animal production and management.

Submitted by;

Signed

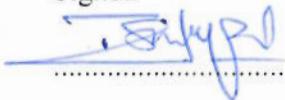
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Date... 31st/07/2018

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Date... 1st August 2018

MR KAYIWA STEPHEN (internship coordinator, NaLIRRI)

Approved by;

Signed

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Date... 19/09/2018

(INTERNSHIP SUPERIOR, BUSITEMA UNIVERSITY ARAPAI CAMPUS)

DATE OF SUBMISSION ----- 19.09.2018

DEDICATION

I dedicate this report to my beloved to my guardians Mrs Elasu Robinah Akurut, uncle Oewinyo Julius, dear sisters and brothers. for financial and spiritual supported towards my education and made me who I am today, thank you very much and May the good almighty God reward you abundantly.

①

ACKNOWLEDGEMENT

First of all, I thank the almighty God for having enabled me to complete my internship period successfully.

I acknowledge the NaLIRRI fraternity for offering me a place for internship, I have acquired knowledge and skills, and experiences during my stay at NaLIRRI. In the special way, I thank Mr. Kayiwa Stephen for services rendered during the internship I cannot forget the priceless support from Mrs. Elasu Robinah Akurut and Uncle Ocwinyo Julius for paying my tuition in the university may the good God award them abundantly

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List of Abbreviations

NaLIRRI	National livestock resource research institute
EATRO	East African trypanosomiasis research organization
UTRO	Uganda trypanosomiasis research organization
PARI	public agriculture research institute
BBRH	back belly brisket rear head
PL	program leader



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ABSTRACT

The end of year one industrial training was aimed at acquainting students with practical aspects of agricultural production. As a first year student, I was attached to the National Livestock Resources Research Institute (NaLIRRI) at Nakyesasa, Wakiso district, for 10 Week's internship. This internship report therefore discloses all the activities I engaged in at NaLIRRI and they include the following: apiary management, hatchery and brooder management, pasture identification, establishment and management, Silage making, hay making, castration debudding, heat detection and animal treatment. Proximate analysis in the laboratory and data collection on the Brachiria species these activities most of them were done practically and theoretical training. The skills gained in the training am going to use them in the solving the farmers problems

During this training I have learnt more lessons which include; grading of eggs candling and break out analysis, I was able to identify common categories of pastures which include pasture grasses, multipurpose tress and pasture legumes. treating of animals' calf management practices, mixing of feeds and apiary setting. However, there are some challenges faced like lack of enough protective gears and too much lights light in the candling room affected our observation. The sprayer pump was too hard to pump therefore the institute should purchase more protective gears and new pump sprayer

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CHAPTER ONE

1.1 Introduction

This chapter one focuses on the general back ground and location of NaLIRRI, the vision, mission, goal, mandate of the institute, objectives of the institute, funding status, the programs conducted by the institute and the organizational structure of NaLIRRI.

1.2 HISTORICAL BACKGROUND OF NALIRRI

The institute started as the East African Trypanosomiasis Research Organization (EATRO) founded in 1956. In 1977 after collapse of EATRO, the institute was named Uganda Trypanosomiasis Research Organization (UTRO) with mandate to conduct research on tsetse flies. In 1992, UTRO was merged with the Animal health Research center located at Entebbe to Livestock health Research Institute (LRI). The current institute (NaLIRRI) was created following the National Agricultural Act 2005 that mandated NaLIRRI as public Agricultural Research Institute (PARI) to provide research and related services in Livestock health, Nutrition and breeding in Tororo, Namulonge and Serere respectively.

1.3 LOCATION

NaLIRRI is located at Namulonge village, kiwoko parish, Busukuma sub-county, wakiso district. It is approximately 27km and 9km from Kampala and Gayaza respectively along Gayaza – Ziobwe Road.

1.4 VISION

To build a sustainable, productive and competitive livestock sector that offers profitable employment and nourish nutritional demands of Ugandans.

1.5 MISSION

To improve productivity of Uganda's livestock through generation and promotion of efficient, cost-effective and safe technology and innovations.