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BUSITEMA UNIVERSITY ARAPAI CAMPUS

FACULTY OF ANIMAL PRODUCTION AND MANAGMENT

DEPARTMENT OF ANIMAL PRODUCTION AND MANAGEMENT

INTERNSHIP REPORT ON ACTIVITIES CARRIED OUT AT NARO NABUIN ZONAL AGRICULTURALRESERCH AND DEVELOPMENT INSTITUTE (NABUIN ZARDI) IN NABILATUK DISTRICT



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INTERNSHIP REPORT SUBMITTED TO BUSITEMA UNIVERSITY IN PARTIAL FULFILIMENT OF THE REQUIREMENT FOR THE A WARD OF DIPLOMA IN ANIMAL PRODUCTION AND MANAGEMENT

Duration: FROM 28TH FEB TO 30TH APRIL2022

DECLARATION

I Ikilai Mary Goretti declare that this report is entirely my own work and has never been submitted to any institute or to any university for the award of any transcript and data contained in it is out of my participation in various field activities and does not contain any other person's data, graphs, tables, unless acknowledged as being sourced from those people taking as through the activities. This report does not contain any picture, text, graphs posted from the internet.

NAME IKILAI MARY GORETTI

SIGNATURE.

APPROVAL

This is to certify that this industria	training report was a result of Ikilai Mary Goretti.	
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Registration number BU/UP/2020/1692 was under my supervision and is ready for submission to the academic board of Busitema university arapai campus for examination with approval.
Date
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Mr Kayongo Samuel
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ACADEMIC SUPERVISOR
Mr Ojuu David
Signature Date

DEDICATION

I dedicate this report work to my almighty God for support he gave me during the time of conducting this training.

I dedicate this research internship report to my beloved parents Atwamar Francis and Apecho Jenifer and not forgetting my fiancé Martin Opolot for their generous support that made this work better.



ACKNOWLEDGEMENT

I wish to submit my sincere gratitude to Busitema university faculty of agriculture and animal sciences through the department of Agribusiness for allowing me do my internship in Nabuin ZARDI.

I would love to extend my gratefulness to Nabuin Zardi through the leadership of the Director DR Okullo Paul, The training department, all my field supervisors and all staff of Nabuin in their different capacities for granting me opportunity to learn more in my field of specialty (animal production) and also learn more in other fields like crop soil science. And not

forgetting my fellow interns in the struggle, drivers, and soldiers. Thank for your assistance.

LIST OF ABREVIATIONS

NARO	National Agricultural Research Organization
ZARDI	Zonal Agricultural Research and Development Institute
REG NO.	Registration number
ECF	East Coast Fever
BUAC	Busitema University Arapai University
I.e.	That is to say
RCBD	Randomized Complete Block Design
PPI	Primary product inspector
E.g.	Example given

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ABSTRACT

Livestock production is the main activity supporting livelihoods for most pastoral and communities in Karamoja. In order to refuse on food security among vulnerable rural populations in the region, NARO (Nabuin ZARDI) aims at developing and disseminating appropriate agricultural technologies in its mandatory zone (Karamoja and Teso sub regions) for sustainable livelihood and human development. I IKILAI MARY GORETTI arrived to NARO on 28/02/2022 when the industrial training was commencing and successfully completed on 29/04/2022. Throughout the training period, the activities carried out were basically on livestock production and management under animal resource research program. They include fish sampling, determining feeding potential of fish, tick profiling, tick control, weight determination, age estimation, post mortem, meat inspection, animal traction, gastro intestinal parasite management, animal health inspections, animal treatment and under crop I participated on data collection on tree species, establishment and management of nursery bed, and development of abio pesticide. Basing on the purpose of industrial training which was to equip me with knowledge and skills, methodology of monitoring and evaluation of research in advanced agriculture, most of the activities were successfully done or completed, however the institute needs to reagitate most farm structures in livestock section.

CHAPTER ONE

1.1 Introduction to industrial training

Industrial training is generally a prerequisite for students in certain programs at all levels of higher learning to increase the level of work of the graduate or undergraduate. The program was introduced to enhance the training competence and provide practical experience in terms of technology development, effective communication term work, practical procedures and regulation professional perspective and reporting.

1.2 Objectives of the internship

- > To expose students to current emerging issues in agricultural production
- To equip students with practical team work ethics and communication skills essential for their future career
- To enable students, understand the difference between agricultural training production and community well being

1.3 Duration of the program

The industrial training lasted for 10 weeks i.e. 28th Feb 2022 to 29th April 2022

1.4 The background of Nabuin ZARDI

Nabuin is one of the zonal agricultural research and development institute established under the national agriculture research organization

The actual site of Nabuin Zardi is Nabilatuk district but the infrastructure was destroyed during the 1979 war. There is need to rebuild the institute infrastructure in Nabilatuk

Nabuin ZARDI is located in lorengdwat sub county Nabilatuk district

Nabuin ZARDI can be emailed naronabuinzardi@yahoo.com

1.5 Vision of Nabuin ZARDI

A competitive society supported by a dynamic agricultural research innovations system" NARO's Vision statement is anchored on government of Uganda's aspirations to transform Uganda from peasantry to modern and prosperous society. NARO's contribution in therefore targeted to build a climate resilient food secure and economically competitive society