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FACULTY OF AGRICULTURE AND ANIMAL SCIENCE

**A COMPREHENSIVE REPORT ON INDUSTRIAL TRAINING
CARRIED OUT AT NGETTA ZONAL AGRICULTURAL RESEARCH
AND DEVELOPMENT INSTITUTE (LIRA DISTRICT) FROM 18TH
MAY 2015 TO 24TH JULY 2015.**

Forwarded
30/07/2015
EAM/DTA MANAGEMENT
NGETTA ZONAL AGRICULTURAL RESEARCH
AND DEVELOPMENT INSTITUTE

**TO BE SUBMITTED TO BUSITEMA UNIVERSITY, ARAPAI
CAMPUS, FACULTY OF AGRICULTURE AND ANIMAL SCIENCES
IN THE DEPARTMENT OF AGRI-BUSINESS AND EXTENSION IN
PARTIAL FULFILMENT FOR THE AWARD OF DIPLOMA IN
ANIMAL PRODUCTION AND MANAGEMENT.**

COMPILED BY

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DATE OF SUBMISSION.....07/09/2015.....

DECLARATION


I Ogwang Innocent Morris, declares that this report booklet has been entirely out of my effort and has never been submitted to any college or institution for any award.

Name of the trainee : Ogwang Innocent Morris

Signature.......... Date 31st 07/2015.....

This report has been approved by

Mr. Okello Horace (Field Supervisor)

Signature.......... Date 31st 07. 2015.....

Mr. Katenya George (Academic Supervisor)

Signature..... Date



DEDICATION

I would like to express my sincere thanks to my parents, Mr. Okullu David Ocen and Mrs. Margaret Okullu for the financial support they rendered to me in the production of this report.

I would also like to appreciate the Chief Administrative Officer, Chief Finance Officer, Secretary, District Service Commission, Ms. Awor Agnes all of Alebtong district local government and others who cannot be mentioned here for the good pieces of advices they have been giving to me

“May the Almighty God bless you all abundantly”, Amen.



ACKNOWLEDGEMENT

I would like to thank the Director Ngetta ZARDI for granting me a vacancy to carry out my proposed internship.

I would also like to send my special thanks to the officials of Ngetta ZARDI for the maximum co-operation they have rendered to me during the course of the training.

Lastly, I would also wish to congratulate my parents for supporting me financially in the production of this report.

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LIST OF ABBREVIATIONS

DFI	District Farm Institute
ZARDI	Zonal Agricultural Research and Development Institute
NARO	National Agricultural Research Organisation
NGEZARDI	Ngetta Zonal Agricultural Research and Development Institute
ECF	East Coast Fever
I.M	Intramuscular
I.V	Intravenous
S.C	Subcutaneous
FMD	Foot and mouth Disease
CBD	Contagious Bovine diseases
ARDC	Agricultural Research and Development Centre
Etc	Etcetera
E.G	Example
i.e.	That is to say
ml	Millilitre
Ltr	Litre
BUAC	Busitema University Arapai Campus
NAADS	National Agricultural Advisory Services



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ABSTRACT

This report contains the summary of activities carried out during the internship at Ngetta ZARDI, Lira District from 18th May 2015 to 24th July 2015.

Students are made to do internship in order for them to get experience and as well as to acquire knowledge in practical skills.

During the course of the training, the following activities were carried out; spraying of cattle and goats, mixing of potting soil, planting of multi-purpose fodder trees, feeding of fish in the pond etc.

Challenges met during the training were inadequate working tools, poor time management by the attendants etc. However, the following skills were also gained during the course of the training; how to carry out field marking, how to bale hay using hay box, how to spray animals among others.

The administrators of both Ngetta ZARDI and BUAC are therefore urged to put the following in place:-

- ✓ Purchase more working tools like tape measure, wheelbarrow
- ✓ Advice the attendants to improve on time management
- ✓ Recruit more staff to handle students.



CHAPTER ONE: INTRODUCTION

1.1: Location

Ngetta Zonal Agricultural Research and Development Institute (NgeZARDI) consists of two sections. The main one located 5kms (3 miles) on Lira-Kitgum road and a satellite station located on the outskirts of Kitgum Town. The main station has a land area of about 221 hectares (550 acres) while the satellite station has a land area of 70.8 hectares (175 acres). The main campus is 1017' N of the equator and 32056'E. The deviation is 1180 metres above sea level.

1.2: Historical background

Historical information about NgeZARDI is scanty. However inscription on some buildings suggest that construction at the ZARDI, formerly DFI (1964-1998) and ARDC (1999-2006) started in 1930s. It was a research centre for cotton under the then Serere Research station. During the post world war II period, the centre was used as a settlement and re-orientation site for war veterans.

In the 50s, the colonial government gave it to the department of Agriculture for purposes of teaching farmers around the centre on the better farming practices. After independence of Agriculture and it served the then Lango district. In 1999, its ownership and management was transferred to NARO.

The name the changed from Ngetta DFI to Ngetta ARDC. With the coming into force of the NRA Act 2005, Ngetta ARDC became a Zonal Agricultural and Development Institute with the main campus at Ngetta in Lira and a satellite station located at the former Kitgum ARDC on the outskirts of Kitgum town. As a public agricultural research institute Ngetta ZARDI is a semi –autonomous institute under the supervision and guidance of a management committee.

1.3: Staffing

The institute currently has 36 NARO staff as follows:- 9 scientists, 8 technicians and 19 support staff. In addition, there are 3 staff under the NAADS and 3 under integrated seed sector development programme (ISSD). The institute is headed by a director who holds PhD in Agricultural entomology. 5 of the scientists hold M.Sc degree; the other scientists hold B.Sc degrees. All the technicians hold Agricultural Diplomas. The day-to-day farm activities are under the farm manager who holds a diploma in Agriculture. A Finance officer with a