



**BUSITEMA
UNIVERSITY**
Raising Excellence

P.O. Box 236, Tororo, Uganda
Gen +256 - 45 444 8838
Fax +256 - 45 4438517
Email: info@admin.busitema.ac.ug

www.busitema.ac.ug

38/160

**ACOMPREHENSIVE REPORT AT NGETTA ZONAL
AGRICULTURAL RESEARCH AND DEVELOPMENT
INSTITUTE (NGEZARDI)**

PERIOD: FROM 28/ MARCH TO 22/ APRIL/2022

COMPILED BY: ODONGO DANIEL.

TEL: 0786784906

REGISTRATION NUMBER: BU/UP/2019/3226

EMAIL ADDRESS: odongodanieldan@gmail.com

YEAR OF STUDY: TWO (2)

COURSE CODE: DCP1208

Forwarded
FARM MANAGEMENT
NGETTA ZONAL AGRICULTURAL RESEARCH
AND DEVELOPMENT INSTITUTE



**A REPORT TO BE SUBMITTED TO THE FACULTY OF
AGRICULTURE AND ANIMAL SCIENCE IN THE PARTIAL
FULFILMENT FOR THE AWARD OF DEPLOMA IN CROP
PRODUCTION AND MANAGEMENT.**

SUBMISSION DATE: 4/5/2022

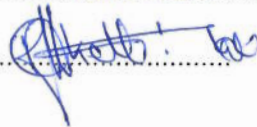
DECLARATION:

I Odongo Daniel do declare that this is the true copy of my report and has never been received as a credit at any Institute of learning.

Student Name: ODONGO DANIEL

Signature: 

Supervisor's Name: OMELLO HORACE

Signature: 

9

BUSITEMA UNIVERSITY LIBRARY
CLASS NO. _____
ACCESS NO. FAA1927

DEDICATION:

I would like to dedicate this report my late father Mr. Otim Silver for the care he had given to me and my mother Ms. Rose Acen her care and financial support towards my education and guidance during the period of my studies at the Institute for internship.

This dedication also goes to Exile Uganda that supported me throughout my studies by paying me at school and parental guidance when at school.

I also dedicate this report to all my brothers for their financial support too and my beloved friends who endeavored to give me support in the preparation of this report. Most especially Ngetta Zardi National Agricultural and Research Institute staff and friends who joined hands with me for this report compilation.



ACKNOWLEDGEMENT:

I would like to thank the management and staff of Ngetta Zardi National Agricultural and Research Institute (NGEZARDI) for effort they rendered that has eased the completion of my training at the Institute successfully

Special thanks go to Mr. Okello Horace the internship coordinator NGEZARDI for allowing me to carry out my internship at the Institute. More thanks goes to every staff members of Ngetta Zardi for the guidance and technical advice to me while in the internship field in various sections.

I would also like to extend my thanks and greetings to everyone who participated financially, spiritually academically mostly friends, lecturers, farm managers, and specialist who participated towards report writing format, typing and compilation of this report.

Much appreciation and congratulations goes to the faculty of agriculture and animal science of Busitema University and the department of crop production and management for releasing me for a short period of (8) eight weeks of training that had equip me with a lot of practical knowledge.

Lastly to Exile Uganda that contributed so much in report printing and binding, may the almighty God bless the hands that worked on this report and grand me with an (A) in this paper Amen.



TABLE OF CONTENT:

| | |
|---------------------------------|------|
| Declaration:..... | I |
| Dedication:..... | II |
| Acknowledgement:..... | III |
| Table of contents:..... | IV |
| List of table and figures:..... | VI |
| List of abbreviation:..... | VII |
| Abstract:..... | VIII |

CHAPTER ONE: INTRODUCTION:

| | |
|--|---|
| 1:0. Location:..... | 1 |
| 1:1. Backgrounds:..... | 1 |
| 1:2. Section operation:..... | 1 |
| 1:3. Customer/ beneficiaries:..... | 2 |
| 1:4. Farm:..... | 2 |
| 1:5. Purpose of training:..... | 2 |
| 1:6. Objectives:..... | 2 |
| 1:7. Organization department structure:..... | 3 |

CHAPTER TWO: DESCRIPTION OF ATTACHMENT:

| | |
|----------------------------------|---|
| 2:0. Field work activities:..... | 4 |
|----------------------------------|---|

CHAPTER THREE: IMPACTS OF THE ATTACHMENT:

| | |
|--------------------------|----|
| 3:0. Skills gained:..... | 12 |
| 3:1. Challenges:..... | 12 |

IV.

CHAPTER FOUR: RECOMMENDATIONS AND CONCLUSION:

4:0. Recommendations:.....13
4:1. Conclusions:.....13
4:2. Appendix:.....14

02

LIST OF TABLES AND FIGURES.

- Table showing breed of goats with their places of origin, color and ear shape.
- Table showing tools and their uses in nursery work.
- Table showing difference between Valencia and Hamline.
- Table showing ratio of mixing feeds for dairy animals.

✓

LIST OF ABBREVIATION.

- NARO- National Agricultural Research Organization.
- CBO-. Community Based Organization.
- NAADS- National Agricultural Advisory And Development Services.
- AEZ- Agro Ecological Zone.
- CBSD- Cassava Brown Streak Diseases.
- NGOS- Non Governmental organizations
- DRI- District Farm Institute.
- NGEZARDI- Ngetta Zonal Agricultural Research And Development Institute.

01

ABSTRACTS:

This report gives the detailed information concerning the internship training placement at NGETTA ZARDI from 28/Feb to 22/April/2022

The Institute has very many farm sections where we managed go through all the farm during orientation due to limited time we managed to handle only seven those are, dairy unit where we managed to learn much about diseases control and all factors that affect dairy farms in Uganda. goat section there we did activities like deworming, erecting fence among others, horticulture here were able to do a lot of activities like staking, spraying etc.. and fish farming very many lectures took place on fish rearing and it's detailed in the body of the report. agroforestry here we managed to do potting, weeding, budding and grafting among others. mother garden among others section we managed to attend during my internship training at Ngetta Zonal Agricultural Research Institute. This report is consisting of preliminary pages that has declaration, dedication, acknowledgement, table of contents list of table and figures, list of abbreviation and finally abstract. And report body pages with chapter one which has introduction that has location, historical background of the Institute sectors operation, customer beneficiaries, purpose of the training, objectives of the studies and organizations structure in the same way chapter two of the report carrying the detailed description of all sections handled in Institute the report also has chapter Three that has skills gained and challenges faced during the internship and finally chapter four with recommendation and conclusions and appendices of the report.

6

CHAPTER ONE: INTRODUCTION.

1:0. LOCATION.

Ngetta Zonal Agricultural Research and Development Institute NGEZARDI. It consists of two, the main station is located 5km(3miles) on Lira kitgum road and a satellite location outskirts of kitgum town then the main station as a Land area of about 221hectae (550 acres). While the satellite station has a Land area of about 70.8hectae (175acres) the main campus is 1°17'N of the Equator and 32°56'E. The elevation is 1180m above the sea level. The climate at the Institute is tropical with mean annual temperature of 3.42°C. The lowest temperature 28.14°C is usually in Jinja and the highest is 33.39°C in February. Rainfall at the Institute is bimodal with the first rain fallings during March to June and second rain falling in August to November. Mean annual rainfall is 1305.3mm, the vegetation is savannah grassland with scattered trees and shrubs. The soils are sandy loam. And the topography is flat to gentle slopes. The topography and soil characteristics make the Institute suitable for mechanized cultivation.

1:1. HISTORICAL BACKGROUND.

Historical information of NGEZARDI is scanty. However, inscription on some building suggest that construction at ZARDI formerly District farm Institute (1964-1999). And Agricultural Research and Development Center serere station. During post world war II period. The center was used as a settlement and orientation site for war veterans in 50's. The colonial government gave it to the development of Agriculture for the purpose of teaching farmers around the center of better farming practices. After independence. The government upgrade it to a District farm Institute FDI Under the ministry of Agriculture and then serves District of Lango in 1999. Its ownership and management was transferred to National Agricultural and Research Organization NARO. The name changed from Ngetta DFI to Ngetta National Agricultural and Development Center NARDC. With the coming in to force of the NARS act 2005, Ngetta in Lira, and a satellite station located at the former kitgum ARDC on the outskirts of kitgum town as the public Agricultural Research Institute. Ngetta Zardi semi-autonomous Institute under the supervision and guidance of a management committee.

1:2. SECTOR OPERATIONS.

The Institute operates majorly in four sectors as categorized below.

- On station applied and adaptive research.
- On farm adaptive research.
- Foundation and seed multiplication.
- On station demonstration of improved crop varieties.