



**BUSITEMA
UNIVERSITY**
Pursuing Excellence

39/66

P.O. Box 236, Tororo, Uganda
Gen: +256 - 45 444 8838
Fax: +256 - 45 4436517
Email: info@adm.busitema.ac.ug

www.busitema.ac.ug

**A COMPREHENSIVE GENERAL INDUSTRIAL REPORT CONDUCTED
AT
NGETTA ZONAL AGRICULTURAL RESEARCH AND DEVELOPMENT
INSTITUTE (NGEZARDI)**

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WHICH BEGAN ON

**THE 21ST MAY UPTO 27TH JULY 2018 ON BOTH CROP AND ANIMAL
PRODUCTION AND MANAGEMENT (LIVESTOCK PRACTICES)**

IN LIRA DISTRICT

P.O BOX 52,

LIRA

forwarded
FARM MANAGEMENT
NGETTA ZONAL AGRICULTURAL RESEARCH
AND DEVELOPMENT INSTITUTE

**ENTITLED FOR THE PARTIAL FULLFILLMENT OF A DIPLOMA IN
CROP PRODUCTION AND MANAGEMENT (DCP) AT BUSITEMA
UNIVERSITY- ARAPAI CAMPUS**

COMPILED BY: OMARA LUKA

REG. NO: BU/UP/2017/1951

EMAIL: lukasomara.98@gmail.com

CONTACT: 0772-001162/0784847469/0778474004/0757474004

SIGN: *[Signature]*

DURATION: 2¹/₂ months

DECLARATION



I **LUKA OMARA** declare that this report has never been submitted to any University/ institution of learning for the award of a Diploma Certificate in Crop production and management (DCP).


STUDENT

NAME: **LUKA OMARA**

REG. NO: BU/UP/2017/1951

EMAIL: lukasomara.98@gmail.com

CONTACT: 0772-001162/0784847469/0778474004/0757474004


SIGN: 

DATE: 21.08.2018

FIELD SUPERVISOR

NAME: MR OKELLO HORACE

CONTACT: 0756 822555

SIGN: 

DATE: 22.08.2018

DEDICATION



I would love with great joy to dedicate this report to my supervisors both in crop and animal production and management at Ngetta Zonal Agricultural research and Development Institute i.e. Mr. OKELLO HORACE who was in charge industrial training. My academic registrar Mr. Obella Osilla, lecturers and the esteem staff of Busitema university- arapai campus.

However, in a special way, I would love to congratulate all those who supported me in one way or the other most especially my parents and my close friends whose support were tremendously recommendable hence the success of my industrial training i.e. my mother Ms. Middy ogwal, miss vella bagonza, mr. ricky ogwal, mr. jimmy ojok, Mr. Madondo Emma, , my lovely friends like Echabu innocent shadrack, Jenniffer Lukas Apio, Allan Angol, Okello Emmanuel, Achol Walter, Ogwang Edmond, etc. your great support toward my I.T is highly appreciated, may the good lord bless the works of your hand



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Maximum appreciation reaches the office of the administrators of Ngetta zardi for their special attention rendered to me during my industrial both in practical skills and theoretical knowledge that I had during the course of my internship.

In a special way, I would love to thank the entire administrators, lecturers, and the entire staff of Busitema University-Arapai campus for equipping me with guidance and knowledge enabled me to conduct my training amicably at Ngetta ZARDI.

Not forgetting my field supervisor at NGETTA ZARDI who endeavored tirelessly with me hence the success of my training i.e. Mr. OKELLO HORACE, Ms. ABAJI CHRISTINE, Mr. OKENG PETER, Mr. NYANGO ALFRED, Mr. ODONGO MATEO, Mr. OBONG SAMSON, Mr. AYO GERALD, Mr. AWIO EMMANUEL and the entire administrators at NGETTA ZARDI in their various capacities.

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LIST OF ABBREVIATIONS.

NGEZARDI: Ngetta Zonal Agricultural Research and Development Institute.

ZARDI: Zonal Agricultural Research and Development Institute.

DFI: District Farm Institute.

NARO: National Agricultural Research Organization.

NAADS: National Agricultural Advisory Services.

FAO: Food and Agricultural Organization.

DVO: District Veterinary Officer.

NACRRI: National Crop Research and Research Institute.

NAFIRRI: National Forestry Resources Research Institute.

NALIRRI: National Livestock Resources Research Institute.

CBO: Community Based Organization.

U.C.D.A: Uganda Coffee Development Authority.

DCP: Diploma in Crop Production and Farm Management.

FAFAD: Facilitation for Peace and Development

CBOS: Community based organization

ARDC: Agricultural research and development Centre

BUAC: Busitema university Arapai campus

DCP: Diploma in crop production and management

CCPP: Contagious Pleura Pneumonia

DAP: Diploma in animal production and management

BSA: Bachelors of science in Agriculture

APM: Bachelors in animal production and management

CGA: Certificate in general Agriculture

BAB: Bachelors in Agri-Business

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LIST OF TABLES AND FIGURES

TABLE 1 showing pest of coffee, descriptions, symptoms and control

TABLE 2 showing diseases of coffee

TABLE 3 showing data collection on pigeon pea

TABLE 4 showing different chemicals used on beans

FIGURE 1 showing organizational structure of Ngetta Zardi

FIGURE 2 showing map of Ngetta Zardi



ABSTRACT

This report consist of the preliminary pages namely: Declaration, dedication, acknowledgment, table of contents, list of abbreviations, list of table and figures and the abstract

CHAPTER ONE comprises of introduction i.e. the location, weather, historical background, organization structures, objectives, present mandate, staff, facilities, activities and the key objectives of the study.

CHAPTER TWO consists of the description of the attachments i.e. orientation, activities done during the training at the sections.

CHAPTER THREE consist of the impact of the attachment i.e. the social condition, evaluations, skills attained, the responsibilities undertaken, the influence of the attachment on my future plans, the correlated activities with class knowledge and challenges during internship.

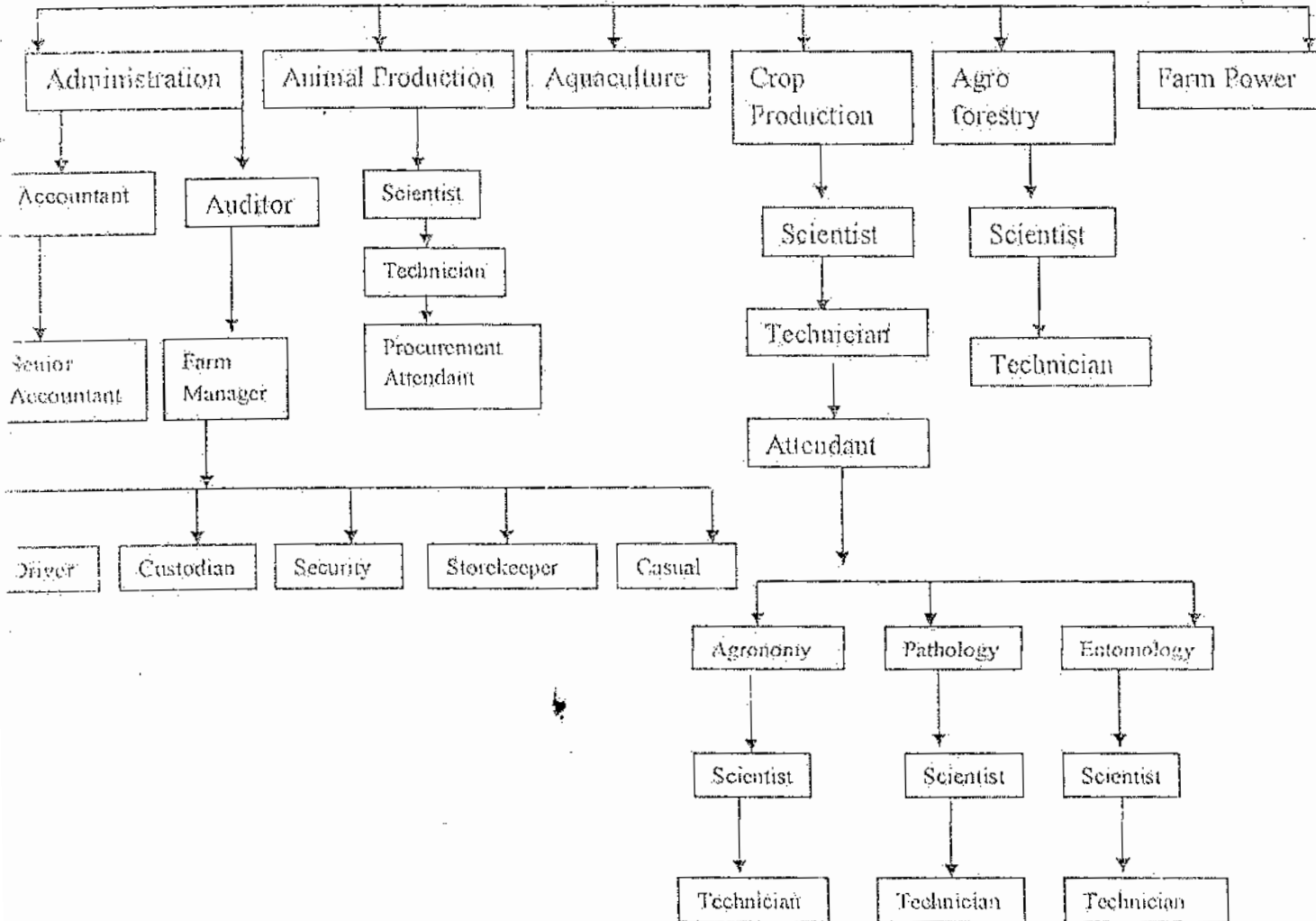
CHAPTER FOUR comprises of the conclusions and recommendations.

APPENDICES are the last pages consisting of maps, pictures, work time tables and schedule of activities

REFERENCES. These talks about the contact information of Ngetta zardi



Organization structure



CHAPTER ONE

INTRODUCTION

Ngetta zonal agricultural research and development institute (NGEZARDI) is one of National Agricultural Research Organization located 5km (3 miles) on lira-kit gum road in lira district. Its historical background is scanty, however, inscription on some buildings suggest that the construction at NGEZARDI formally, the District Farm Institute (1964-1998) and Agricultural research and Development Centre (1999-2006) started in 1960's. It was a research center for cotton under the serere research station. During the post-world war II period, the center was used as a resettlement and reorientation site for the war veterans. In the 50's the colonial government gave it to the department of agriculture for the purpose of teaching farmers around the center better farming practices. After independence, the gov't upgraded it to DFI under the ministry of agriculture. And it served Lango district in 1999 its ownership was transferred to National Agricultural Research Organization (NARO). The name then changed from Ngetta DFI to Ngetta Agricultural Research and Development center (ARDC). With the coming force of the NARS Act 2005, Ngetta ARDC became a Zonal Agricultural Research and Development Institute with the main campus at Ngetta in lira district. The ARDC was only operating in two district of lango i.e. Apac and lira but in 2007 under the NARO act of parliament, its name change to ZARDI with a similar mandate itself being autonomous institute under the leadership of director research and governing council i.e. advisory committee.

NGEZARDI carries out also on- station adaptive research trails in collaboration with research institute like NACRRI, NALIRRI, national Agricultural research kawanda and national NFIRRI, crop involve in such trails are beans, soya beans, sim sim, ground nut, sweet potatoes, citrus mangoes, fisheries, and livestock research unit are in place and research in aqua culture and goats management is in progress with NALIRRI and NFIRRI respectively