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**INDUSTRIAL TRAINING REPORT CARRIED OUT AT NGETTA ZONE AGRICULTURAL
RESEARCH AND DEVELOPMENT INSTITUTE (NgeZARDI).**

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P.O.BOX 52, LIRA (U)

FROM 21ST MAY 2018 – 27TH JULY 2018

FARM MANAGEMENT
NGETTA ZONE AGRICULTURAL RESEARCH
AND DEVELOPMENT INSTITUTE
24.08.2018

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**TO BE SUBMITTED TO BUSITEMA UNIVERSITY ARAPAI CAMPUS IN
PARTIAL FULFILLMENT OF THE AWARD OF DIPLOMA IN CROP
PRODUCTION AND MANAGEMENT**

DATE OF SUBMISSION 12/09/2018

DECLARATION

I Onume Denis declare that this report is true as it has been obtained from the field activities which I carried out from 21st may to 27th July at Ngetta Zonal Agricultural Research and Development Institute (NgeZADRDI). ①

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Date: 24-08-2018

University supervisor

Name:

Sign:

Date:



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DEDICATION

I would like to dedicate this industrial training report to all the lecturers of Busitema University, Arapai Campus in their respective department whose guidance enabled me to come up with this report and not forgetting the staff of Ngetta Zonal Agricultural Research And Development Institute (NGEZARDI) most especially Field Supervisor Mr Okello Horace and other staff who reacted positively during the course of my training.

I would like also in a special way to extend my dedication to my dear brother Tonny, Allan, Abel and my sister Miriam, Juliet, Modesta and also not forgetting my friend Atubo Daniel and most especially to my mom Mrs. Mary Ewal whom I personally value so much for taking education seriously and giving me advice towards my success "I really and shall always treasure her advice so much to my future;" may the Almighty father bless you all.



ACKNOWLEDGEMENT

I would like to give thanks to the entire staff members of Ngetta Zonal Agricultural Research and Development institute (NGEZADI) for their various department and ranks for the cooperation they showed to me during my two months of industrial training.

More thanks goes to my friends whom we carried out the same training for their cooperation, great support and discipline shown.

In a special way, I would also like to sincerely do the same to all the Academic staff of Busitema University Arapai Campus whose lectures, material and technical guidance helped me to come up with this report not forgetting Mr. Oguli Francis who made our supervision successful.

Lastly I do thank God for the care and love, may he give you the reward that I am unable to give.
Amen

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LIST OF ABBREVIATIONS

ZARDI: Zonal Agricultural Research and Development Institute.

IT: Industrial Training.

ECF: East Coast Fever.

ARDC: Agricultural Research and Development Centre.

NAADS: National Agricultural Advisory Services.

CBO's: Community Based Organizations.

DFI: District Farm Institute.

DES: District Extension Service.

NARO: National Agricultural Research Organization.

Eg: Example.

BBBAR: Back Belly Brisket Head And Rear.

NgeZARDI: Ngetta Zonal Agricultural Research and Development Institute.

ATAAS: Agricultural Technology Agribusiness and Advisory Services.

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LIST OF TABLE, FIGURES AND PICTURES.

Table 1 showing tools use in dairy units.

Table 2 showing data collection on pigeon pea.

Table 3 showing pests of coffee.

Table 4 weekly work plan for industrial training at NgeZARDI.

Fig 1 showing field marking.

Picture 1 showing Onume Denis identifying pests and diseases on beans.

Picture 2 showing Onume Denis pruning citrus.

ABSTRACT

In this report, there are preliminary pages which are declaration, dedication, acknowledgement, content, list of abbreviation, list of tables and figures, and abstract respectively.

Chapter one: it comprises of introduction, location, Historical background, present mandate, staff, facilities and sources of fund (funding).

Chapter two: This chapter consists of the description of attachment i.e. it was recess period and orientation including different activities carried out in different sections or units during the training at the institute.

Chapter three: This consist of impact of attachment like skills and qualifications gained, responsibility undertaken, the influence of attachment on career plan, and co- related activities with classroom knowledge.

Chapter four: This chapter consists of conclusion and recommendation respectively.

Appendices: In the appendices, there are pictures, weekly work plan and schedule of activities.

References:

Principle and practices of Agriculture by Omoding Onyango.

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CHAPTER ONE

1.1 INTRODUCTION

Industrial training (IT) is done to acquire skills and techniques in the field as well as bridging the gap between classroom theory and practical work. It is good for the fulfillment of necessary requirement for the award of different academic qualifications. Therefore it should be done adequately and willingly.

1.2 LOCATION

Nge ZARDI is located 5kms on Lira-Kitgum highway and a satellite located on the outskirts of Kitgum town. The main station has a land area of about 221 hectares while the satellite section has a land area of 708 hectares. The vegetation cover is savannah grassland with scattered trees and shrubs. It has a tropical climate with a bimodal rainfall and the soil type is sandy loam. This makes the institute suitable for mechanized cultivation.

1.3 HISTORICAL BACKGROUND.

Historically NgeZARDI is scanty. However, inscription on some building suggest that the construction of ZARDI formally District Farm Institute (DFI) 1964-1999 to Agricultural Research and Development Centre (ARDC) 1999-2006 and later it became Zonal Agricultural Research and Development Institute (ZARDI) as a public agricultural institute under the supervision and guidance of management committee.

1.4 PRESENT MANDATE.

NARD's strategy (2000-2010) places great emphasis on developing and disseminating improved agricultural technologies relevant to different AEZ (Agro-Ecological Zones). NgeZARDI is thus mandated to manage and carry out applied and adaptive research relevant to farmers needs in the Mid-North and Northern AEZ comprising of Amolatar, Amuru, Apac, Dokoko, Gulu, Kitgum, Lira, Oyam and Pader.

In pursuit of its mandate, the institute carries out development and research activities through on-station and on-farm participatory research and demonstration in partnership with other research service providers like NGOs, CBOs, NAADS and DES.