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**INTERNSHIP REPORT CONDUCTED AT NATIONAL CROPS
RESOURCES RESEARCH INSTITUTE (NaCRRI) NAMULONGE
UGANDA**

BY

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INTERNSHIP COURSE NUMBER: 2108

YEAR: 2018

**A REPORT SUBMITTED TO THE DEPARTMENT OF
AGRIBUSINESS AND EXTENSION IN PARTIAL
FULFILLMENT OF THE AWARD OF A DIPLOMA IN CROP
PRODUCTION AND MANAGEMENT CONDUCTED FROM 1st
JUNE 2018 TO
31st JULY 2018**



DECLARATION



DECLARATION

(1)

I NAMUYONJO LYDIA, declare that this report has been from my own efforts, knowledge and research to come up with such internship report which has never been submitted before at any

Institute level for any academic award

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DEDICATION

(i)

I dedicate this report first to my parents Mrs. Namugenyi Grace, Mr. Kiryowa Stephen and Mr. Batwala Richard for the tireless support both financially and morally they have given to me during this training period at NaCRRI.

Then to my beloved siblings Enock, Grace, Iren, Faith and Violet for the great support spiritually and morally given to me so as to become a better citizen and I pray that God blesses you all.

Lastly to my dear friends Nakabugo Rose and Kabagambe Obed whom I trained with at NaCRRI for their advice and guidance during the training session, may the good Lord guide and advice us through.

ACKNOWLEDGEMENT

①

First of all, I thank the almighty God who has given me the courage and life to be able to collect the information used in the compilation of such an internship training report.

I extend my sincere appreciation to the department of Agribusiness and extension Busitema University Arapai Campus for their efforts through guidance and advice in various aspects of my carrier. Greater thanks go to my university supervisor Mrs. Akulot Immaculate for her guidance and parental concern not forgetting my institute supervisor Mrs. Nakayima Anne and above all the technicians in different sections e.g. madam Nakayima Annet (cereals), Mr. Tom Omara (root crops), Otim Alfred (horticulture), Mr. Kabayi Paul (legumes) and others for their generosity and sharing their skills and acknowledge me.

With great honour and love, I am highly indebted to the management of NaCRRI who found it important to train students in their institute and I thank them for giving me the opportunity of working with them.

ABBREVIATIONS AND ACRONYMS.

①

NaCRRI	National Crop Resources Research Institute
NARO	National Agriculture Research Organization
IITA	International Institute of Tropical Agriculture
JICA	Japan International Co-operation Agency
NASE	Namulonge Selection
NABE	Namulonge Beans
NaLIRRI	National Livestock Resources Research Institute
NERICA	New Rice for Africa
NASPOT	Namulonge Sweet Potato
EG	For Example
CMD	Cassava Mosaic Disease
CBB	Cassava Bacterial Blight
CBSD	Cassava Brown Streak Disease
NSVD	Napire Stunt Virus Disease
SPVD	Sweet Potato Virus Disease
RYMV	Rice Yellow Mottle Virus
MC	Moisture Content
OPV	Open Pollinated Virus
IE	That is to say

72

LIST OF TABLES AND FIGURES

Table 1: My work plan.....19

Figure 1: NaCRRI Organization.....3

ABSTRACT

This report explains and evaluates the knowledge and skills that I was able to obtain from my industrial training at NaCRRI for two months from 1st /06/2018 to 31st /07/2018.

Chapter one talks about the back ground of the institute from where I conducted my industrial training, vision, mission and strategic objectives of the institute farm layout and methodology of the industrial training.

Chapter two talks about activities carried out at NaCRRI ie growing and management practices of beans, rice, maize, vegetables, mangoes, cassava, sweet potato and others.

Chapter three talks about the experiences and skills obtained from the training.

Chapter four gives a clear picture about the challenges, recommendations and conclusions about the industrial training that was conducted at NaCRRI, this chapter also contains a list of references used in the collection of data I used in the compilation of this industrial training report.

5

TABLE OF CONTENT

DECLARATION.....i

DEDICATION.....ii

ACKNOWLEDGEMENT.....iii

ABBREVIATIONS AND ACRONYMS.....vi

ABSTRACT.....vii

CHAPTER ONE

1.0 INTRODUCTION.....1.

1.1 Description of NaCRRI.....1

1.5 Historical background of NaCCRI.....1

1.5 The purpose.....2

1.8 NACRRI Organization.....3

CHAPTER TWO

2.0 Description of Attachment.....4

2.1 Cereal Section.....4

2.2 Maize Production.....6

2.3 Horticulture and Oil Palm Section.....7.

2.4 Root Crops and Oil Section.....9

2.5 Legumes Section.....9

CHAPTER THREE

3.1 Skills and qualification I gained at NaCRRI.....15

3.2 Responsibilities I undertook during the attachment period.....15

3.3 Influence of the attachment to my future career.....15

3.4 Activities that I carried out in correlation.....

CHAPTER FOUR

4.0 Conclusion and Recommendations.....16

4.1 Recommendations.....16

4.2 Conclusion.....16

Appendices.....17 & 18

Work Plan.....19

References.....21

CHAPTER ONE:

1.0 INTRODUCTION

1.1 Description of NaCRRI

NaCRRI, Namulonge is one of the public agriculture institutes under the policy guidance of National Agriculture Research Organization (NARO). The director of the institute is Dr. Godfrey Asea (PHD-Plant breeding) and the administrator is Ali Kabogoza

1.2 Historical background of NaCRRI.

- The National Crop Resources Research Institute (NaCRRI). Formerly Namulonge Agricultural and Animal Production Research Institute was established in 1949 by the Empire Cotton Growing Corporation of Britain.
- It was established to solely investigate problem related to cotton production within the countries of east and central Africa under British colonization. It served the Kenya, Tanzania, Uganda; Swaziland Zambia, Malawi, Nigeria and Gambia, Uganda was chosen to be regional center. The cotton Research Corporation handed over Namulonge to the Ugandan Government in 1972.
- The institute continued as a cotton research station until 1993 while research on other commodity crops was being introduced. The crops introduced included the following maize, cassava, sun flower, simsim, rice, soybean, sweetpotato, groundnuts and wheat
- 1.3 The Vision
- "A center of excellence for all aspects of crops for accelerated development"
- 1.4 The Mission
- "To generate, develop and disseminate appropriate crop technologic, methods and knowledge while conserving the environment and crop genetic resources.