



BUSITEMA UNIVERSITY ARAPAI CAMPUS.

FACULTY OF ARICULTURE AND ANIMAL SCIENCES

DIPLOMA IN CROP PROUCTION AND MANAEMENT

A REPORT OF INUSTRIAL TRAINING CARRIED OUT IN NaCRRI NAMULONGE FROM 1st MARCH 2022-

BY

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COURSE: DCP 1209

SIGN A

A REPORT TO BE SUBMITTED TO THE DEPARTMENT OF AGRIBISINESS AND EXTENSION IN PARTIAL FULLFILMENT FOR THE AWARD OF THE DIPLOMA IN CROP PROUCTION AND MANAGEMENT OF BUSITEMA UNIVERSITY.





DECLARATION

I NAZZIV	VA S	STI	ELLA De	clare	e tha	t thi	s wor	k has t	been	don	e by	me as	a ı	result of	the	inter	nship
program I	had	at	NaCRRI	and	has	not	been	submi	itted	for	the	award	of	diploma	ı in	any	other
university.																	

Signed	
Date 9th May 2022	

APPROVAL

This report has been successfully done, supervised or coordinated by;

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28/05/2022

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DEDICATION

This work Is dedicate to my parent Mr Kakuru Benard and Mrs Namugenyi Annet who have supported me not only academically but also in all aspects of life and are still supporting me up to now when am at the university.

I also dedicate it to my four siblings, Winnie, Julian, John and Ritah as a sign of encouragement for academic achievement.

ACKNOWLEDGEMENT

First and foremost I would like to thank the almighty God who has protected me through the training period. Then I extend my gratitude to the Director. National crop resource research institute Mr/Dr Asea Godfrey and the entire organization of NaCRRI for accepting me to do my industrial training on the institute.

Special Thank goes to;

- The Manager
- Assistant Manager
- All then field technician an assistants

Your infinite assistance, guidance, generosity an tolerance during the training will not be forgotten.

I wish also to extend my sincere gratitude and appreciation to:

- All the staff of NaCRRI for providing comfortable and convenient environment during the training and to the various people that have supported me financially, academically, morally and spiritually during the training
- My course mates especially Aggrey Joy, Sharon, Emma, Shamina, Nasasira, Enock and Mabingo with whom we cooperate during the training.

May God bless you and reward you abundantly for the kindness and sympathy towards me during the traini

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LIST OF ABBRIVIATIONS

NaCRRI- National Crops Resources Research Institute

DCP-Diploma in Crop Production and Management

NARO-National Agricultural Research Organization.

TEL -Telephone number

REG.No. Registration number

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ABSTRACT

This industrial training report contains the details of practical activities taken during the industrial training at NaCRRI. This was carried out in six programs: Administration, Farm workshop, Horticulture & Oil palm, Cereals, Legumes and Root crops programs. Activities per program was conducted in one study planed week. In some programs especially in Horticulture & Oil palm. Cereals, Legumes and Root crops programs two weeks was undertaken. These activities in program were taken under a specific program supervisor.

In administration program, induction and orientation throughout the other research programs was taken for a week, farm workshop involved identification and operation of farm tools like tractor, tractor engines and many as described in chapter 2, horticulture and cil palm and cereals most work was basically the agronomical practices of planting oil palm, cabbages, and Tomatoes and rice and maize in cereals, however in Legumes and root crops, different departments like agronomy, Entomology, pathology and breeding were covered

CHAPTER ONE

INTRODUCTION

1.1.1 Historical background

National Crop resource research institute (NaCRRI) formally Namulonge Agricultural and Animal production research institute Is one of the research institute under the policy guidance of the National agricultural research organization (NARO).

Was established in 1949 by the Empire cotton organization of Britain. It was solely established to investigate problems related to cotton production within the countries of British Empire.

It served the Sudan, Kenya, Tanzania, Zambia, Malawi, Swaziland, Nigeria, Uganda and some extent Ghana and Yemen.

Uganda was chosen to be the centre because it was centrally located and with exception of India, Uganda was the largest producer of cotton in the common wealth.

The cotton research cooperation handed over Namulonge to the Ugandan government in 1972, the institute continue as a cotton research station untill 1980 when research on other commodity crops and animal production was introduced. The crops introduce included; Maize, Cassaya, sweet potatoes Rice, Soybean, Sunflower, Groundnuts, Simsim and wheat in addition to cotton.

Agre forestry was also introduced to the institute at the time in addition. Namulonge supervised the collection of weather data processing and transformation of information to the department of meteorology an agriculture. This information was further processed into advisories on weather to farmers by both the department of meteorology and agriculture.

1.1.2 Present mandate of NaCRRI

With the reorganization of agricultural research and the creation of the National Agriculture Research Organization (NARO).

Namulonge became one of the research institute of NARO with the following Programs;

Legumes (bean and soybean)