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**A REPORT FOR INTERNSHIP TRAINING CARRIED OUT AT THE  
MINISTRY OF AGRICULTURE, ANIMAL INDUSTRY AND FISHERIES  
(MAAIF), KAWANDA AND NAMALELE.**

**FROM:**

**28<sup>TH</sup> MARCH- 06<sup>TH</sup> MAY 2022**

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**BUSITEMA UNIVERSITY FACULTY OF AGRICULTURE AND  
ANIMAL SCIENCE, (ARAPAI CAMPUS)**

**THE REPORT IS SUBMITTED TO THE DEPARTMENT OF  
AGRIBUSINESS AND EXTENSION FOR PARTIAL FULFILMENT OF  
THE AWARD OF A DIPLOMA IN CROP PRODUCTION AND  
MANAGEMENT.**

**DECLARATION**

I **BUYI JOAN ANGELINAH** declare that the information in this report is of my own compilation with the guidance of my field supervisor and has not been presented in any university or any other higher institution of learning hence all endeavor's should be put into consideration to keep this report in its originality.

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Field supervisor

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why does it look forged!

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## DEDICATION

I dedicate this report with great pleasure to the entire ministry of agriculture, animal industry and fisheries administration, all the staff of Busitema university Arapai campus, my beloved parents, friends who often stood with me financially, physically, spiritually and materially for the successful completion of my work. Special thanks go to My dear mum Nabude Patricia and dad Buyi Charles for always being their for me, Mr wamatsemba Isaac, Mr Erong Edward, Musingo Joseph for guiding me while at the ministry, Shibale Geoffrey for being their and standing with me and my mentor Kimenya Geoffrey for giving me the zeal to aim higher. May the almighty God reward them adequately?

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## ACKNOWLEDGEMENT

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Special thanks are to those who contributed in any way and not mentioned.



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## **LIST OF ABBREVIATIONS**

**BUAC** – Busitema university Arapai Campus.

**MAAIF** – Ministry of Agriculture Animal industry and fisheries

**NARO**– National Agricultural research organization

**STTS** – Seed tracking and tracing system.

**NAADs**- National Agricultural Advisory Services

**NAGRC& DB**- National Animal Genetic Resource Centre and Data Bank.

**UCDA**- Uganda Coffee Development Authority.

**CDO**- Cotton Development Organisation.

**STTS**- Seed tracking and tracing system.

**DUS**- Distinctness uniformity and stability testing.

**DCP**- Diploma in Crop production and Management

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**LIST OF FIGURES AND TABLES**



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## **ABSTRACT**

This report contains and describes the activities implemented, skills and qualifications gained, challenges faced during the industrial training, conclusion of the report and recommendations derived from the Ministry of Agriculture, Animal industry and Fisheries (MAAIF). The objective of this industrial training is to make students benefit from the skills and knowledge gained from the fields, apply the knowledge they get from the classroom in the field and build self-confidence. During internship I was attached to crop inspection and certification department. this was followed by orientation, then implemented the activities that include, seed testing in the laboratory, determining moisture contents using digital and oven methods, germination media, how to carry out top paper germination media, seed ,how to break seed dormancy using chemicals, planting of legumes. Planting of cereals, how to sample seedlots, breeding of beans, premise inspection for suitability for agro input and agrochemical shops in Eastern region, tetrazonium tests for carrying out viability test, germination test evaluation of seed crops, Distinctness, Uniformity and Distinctness tests (DUS) for potatoes and rice finally cassava inspection , how to conduct outreach for technology promotion. I also faced some challenges stated in chapter four. In conclusion all the activities were implemented and industrial training was carried out successfully. I was able to gain a lot from it. I was in position of getting practical skills and knowledge in line with my career and relating with people in the field. Much as I were successfully done, there were also some little challenges which hindered the smooth running of the training.



# CHAPTER ONE

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## 1.1 Introduction

This report describes the activities implemented, skills and knowledge gained, challenges faced during the internship, conclusion of the report and recommendations derived from the challenges faced at MAAIF during time of industrial training. Ministry of agriculture animal industry and fisheries is a government ministry charged with creating and enabling environment in the agricultural sector. It's commonly known as ministry of agriculture and carries out its role by enhancing crop production, improving food and nutrition security, widening export base and improved incomes of the farmers.

The ministry is the overseer of the agriculture sector where it formulates, reviews and implement rational policies, plans, strategies, regulations and standards and enforce laws, along the value chain of crops, livestock and fisheries.

The ministry of agriculture has directives which include:

- Animal resources
- Crop resources
- Fisheries resources
- Agricultural extension services

The ministry has specialized units and agencies through which it achieves its mission, are:

- National agricultural advisory services (NAADS);
- National agricultural research organization (NARO);
- National animal genetic resource center and data bank (NAGRC&DB);
- Coordinating office for the control of trypanosomiasis in Uganda (COCTU);
- Dairy development authority (DDA);
- Uganda coffee development authority (UCDA); and
- Cotton development organization (CDO).

## Objectives

- To increase production and productivity of agricultural commodities and enterprises
- To increase access to critical farm inputs
- To increase access to markets and value addition and strengthen the quality of agricultural commodities
- To strengthen the agricultural services, institutions and enabling environment
- To make students apply classroom knowledge in the fields
- To build confidence in the students