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**FACULTY OF AGRICULTURE AND ANIMAL SCIENCES**

**AN INDUSTRIAL TRAINING REPORT CARRIED OUT AT NALWEYO SEED  
COMPANY (NASECO) AT KAKUMIRO**

**COMPILED**

**BY**

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**Location; NASECO is located in Uganda at Kakumiro District at Nalweyo sub county.**

**DATE: 18<sup>th</sup> may, 2022**

**INDUSTRIAL TRAINING REPORT SUBMITTED TO THE DEPARTMENT OF  
AGRIBUSINESS AND EXTENSION IN PARTIAL FULFILLMENT OF THE  
REQUIREMENTS FOR THE AWARD OF THE AWARD OF DIPLOMA IN CROP  
PRODUCTION**

**DECLARATION**

I, **AKENA JIMMY** hereby declare that this industrial training report submitted to the department of agribusiness and extension is my original work. This work has not been submitted for any award for a degree or other qualifications from any other University or Institution of higher learning.


Sign: Akena Jimmy! ..... Date: 18/05/2022 .....

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Approved by the academic supervisor

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Sign: ..... Date: ..... 

## DEDICATION

I dedicate this report to God Almighty for His great love and protection during the whole programme and through the industrial training period. I also dedicate this report to my lovely parents for their diligent support and facilitation.



## **ACKNOWLEDGEMENT**

I am grateful to the Almighty God for the support and guidance during the period of industrial training. I acknowledge MADAM NAMPOZA ANNET the Human Resource my general supervisor for the support, guidance, and instructions provided that enabled me to achieve the target of completing the study.

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**LIST OF THE ABBREVIATIONS**

NASECO	NALWEYO SEED COMPANY
ISTA	International seed testing association
e.g.	The example
OECD	Organisation for economic co-operation and development
i.e.	For example
e.t.c	Excetra

## **LIST OF THE TABLES AND FIGURES**

- Fig. 1..... showing the activity of packing maize in to sacks at the packing line,
- Fig. 2 .....showing the activity at the laboratory carrying out evaluation of the germination test
- Fig. 3..... showing activity at the laboratory doing purity testing
- Fig. 4..... showing the receiving point loading maize into the conveyer leading shelling
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## **ABSTRACT**

NASECO is a private Ugandan seed company with the longest experience in the production of the highest quality seeds. Its core business is in seed breeding, multiplication, processing and marketing. It is located in Kihonge village, Buruko ward, Nalweyo town council, Bugangaizi west, kakumiro district in western Uganda. It is along Hoima - kakumiro road near Masaigi stream. Its vision is to become the number one seed company in Uganda and to sustainably increase its presence in neighboring countries especially Sudan, Congo, Rwanda, Kenya and any other countries. To be able to achieve the above vision, NASECO wants to pursue a strategy called "Differentiation through quality and innovation". Objectives of the internship exercise are To identify the knowledge and skills learned in the training and develop new skills by being involved in actual cases and projects, To gain the needed experience for example in some cases where most employers may want the student to have some experience before they are to hire or employ the student, To identify helpful connections as far as management is concerned whereby supervisors can guide me during the training of my carrier, To provide a student with important contact with the legal community which may lead to career opportunities, To expose students to different sections of agriculture like crop production as to enable they acquire more knowledge, skills in areas of career. For each of the departments we were attached with supervisors that were to act as our guidance and trainers in the different sectors as will be stipulated in each of the activity of each department. The departments included factory section, research section, quality assurance laboratory and farm section activities carried out during the it included the orientation by the human resource operating the packing machine supervision of the maize quantifying team and to carry out samples that are taken to the laboratory, at the sorting tables where I sorted out diseased maize like ear rot, rotten maize cobs, off types Carried out sampling of the samples at the quality assurance laboratory and also Purity test carried out, Germination test carried out Evaluation of the germination carried out Recording the results the purity test, germination test and moisture content, disease assessment. During the research section we carried out Spraying, Mulching, and Irrigation, Visits Kyakataba and Kyaisajwa Shoot capping, development of the tags, tagging of the fields Pollination using the pollinating bags.

## **1.0 CHAPTER ONE: INTRODUCTION**

### **1.1 BACKGROUND OF NASECO COMPANY.**

#### **1.2.0 Introduction**

NASECO is a private Ugandan seed company with the longest experience in the production of the highest quality seeds. Its core business is in seed breeding, multiplication, processing and marketing. To ensure continued quality, NASECO undertakes extensive research and development in this sector. All its activities for example seed inspection and testing approved and closely monitored by NSCS, based at Kawanda Research station. This supervision and monitoring ensures that NASECO seeds meet the highest international OECD and ISTA standards.

With production and seed processing activities located at Nalweyo, Kakumiro district and marketing and processing in KAMPALA, NASECO's products have reached all corners of Uganda and neighboring countries. It concentrates mainly in the production of maize, beans, soya beans, Rice, Sorghum, Wheat, cowpeas, pearl millet and at a minimum level, ventures in non-seed areas for example essential oils, malaria drugs, vanilla and perfumes.

To be able to sustain NASECO's operations, a dynamic and ambitious team has been hired specializing in adaptive seed research, basic seed production on company farms, seed conditioning, processing and marketing. Similar expertise is extended to over 950 out growers. These staff need well documented human resources procedures to guide them towards realizing their ambitious mandate of achieving NASECO's goals.

### **1.3 LOCATION OF NASECO.**

It is located in Kihonge village, Buruko ward, Nalweyo town council, Bugangaizi west, Kakumiro district in western Uganda. It is along Hoima - Kakumiro road near Masaigi stream which provides the company with water for cooling engines at the processing plant.

### **1.4 Vision of NASECO**

Its vision is to become the number one seed company in Uganda and to sustainably increase its presence in neighboring countries especially Sudan, Congo, Rwanda, Kenya and any other countries. It wants to achieve this by continuously providing best performing seeds, related agro