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**BUSITEMA UNIVERSITY INDUSTRIAL TRAINING REPORT  
FACULTY OF AGRICULTURE AND ANIMAL SCIENCES INDUSTRIAL TRAINING  
REPORT CARRIED OUT AT BULINDI ZONAL AGRICULTURAL RESEARCH AND  
DEVELOPMENT INSTITUTE (BUZARDI)**

**FROM: 28<sup>th</sup> February to 06<sup>th</sup> May, 2022**

**COMPLIED BY**

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**COURSE: DIPLOMA IN CROP PRODUCTION AND MANAGEMENT**

**REGISTRATION NUMBER: BU/UP/2020/2014**

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**COURSE CODE; 1208**



**A REPORT TO BE SUBMITTED TO THE DEPARTMENT OF AGRIBUSINESS AND  
EXTENTION AS PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE  
AWARD OF A DIPLOMA IN CROP PRODUCTION AND MANAGEMENT AT  
BUSITEMA UNVERSITY**



**DATE OF SUBMISION...18...../.....05...../.....2022**

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**DECLARATION**

I Kunihira Jessy, declares that the information in this report is original and has been compiled by me as a result of; knowledge, skills and experience acquired during the industrial training conducted in BUZARDI. This report has never been submitted by any student to any academic institution for the award of any academic paper.

Student's name KUNIHIRA JESSY Signature [Signature]

Date 18/05/2022

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**APPROVAL**

This report has been approved by;

My field supervisor Mr. MUSINGUNZI BONNY

Date.. 13/05/2022 ..... Sign... Bonny .....

## **DEDICATION**

I dedicate this report to my beloved uncle Mr IGADYA JULIUS, mommy ASIIMWE JOAN, daddy BIHEMAISO FRANK and my field supervisor Mr MUSINGUZI BONNY who tirelessly contributed to me through prayers, guidance, materially and financially towards my success. May the almighty God bless and reward them abundantly.

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## ACKNOWLEDGEMENT

I take this opportunity to thank the almighty God for the successful completion of my internship. This work would not be well completed without help of many persons. I will recognize their valuable guidance, support and knowledgeable suggestions. First of all, my special thanks are addressed to Busitema University for all it has done in providing us with quality education. I would like to express my gratitude to the administrative staff of the Faculty of Agriculture and animal science for their willingness, their contribution and efforts<sup>01</sup> for the success of this internship as well as the realization of its objectives. My acknowledgement is extended to Mr MUSINGUZI BONNY, my field supervisor the human resource manager, all technicians of my internship for their tremendous effort, guidance, collaboration, encouragement and genuine ideas that they have used to help me for my work accomplishment. Finally, I would like to give my appreciation to my fellow students to their encouragement during my internship.

May GOD bless you all!!!!

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## LIST OF ABBREVIATIONS LIST OF ABBREVIATIONS

- BUZARDI Bulindi Zonal Agricultural research development institute  
NARO National Agricultural Research Organization  
BUAC Busitema university Arapai camp  
DOR Director of research  
DAP Double Ammonium phosphate  
DSP Double super phosphate  
E.g. For example  
I.e. That is to say  
cm. Centimeters





## LIST OF TABLES

**Table 1.....**Banana categories and varieties

**Table 2.....**soybean varieties

**Table 3.....**bee equipments and management practices

**Table 4.....** Vegetable pests and their control

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## ABSTRACT

The Ten weeks of industrial training was done at BUZARDI which is a public Agricultural Organization mandated to conduct and manage adaptive agricultural research develop and disseminate improved agricultural technology relative to LACZ .It covers Districts of Masindi, Hoima, Kikuube, Kiryandongo, Kibaale, Kagadi, Buliisa and Kakumiro

The main objective of the field attachment was to obtain practical skills, knowledge and experience in the diverse fields of Agriculture that help to broaden the knowledge of the student in applying the theoretical knowledge studied in class to the real life experience. I attended various sections while at BUZARDI such as garden crops production such as rice, maize, soya bean, vegetation production, goats, pastures, apiculture among others and I obtained different skills during the field attachment such as crop production which involves identification of pest and diseases and the nature of their damages and the best ways to ensure maximum production. The practical aspect learnt during the industrial training include grafting, deworming, animal treatment, threshing of rice using the manual rice thresher among others

Although the period was successfully, however, there were some challenges uncouncted during this period of my industrial training such as bad weather, inadequate equipments for use in the field. I would therefore wish to recommend to the institute to purchase enough equipment such as face masks and gloves for use in spraying, more automatic syringes to quicken injection of animals or deworming using ivermectin. In conclusion, the internship period was generally interesting and should be encouraged for all to do it

## **CHAPTER ONE**

### **1.0 Introduction**

This chapter provides information about BUZARDI the institution where I carried out my internship. It also shows the objectives of my attachment and the organizational structure of BUZARDI

### **1.1 Historical Background of BUZARDI**

BUZARDI is one of the eight Zonal Agricultural Research and Development institutes under the National Agricultural Research Organization (NARO). NARO is a semi-autonomous public Agricultural Research Organization that was established by the parliament under the national agricultural act of 2005. BUZARDI is headed by the Director of research and operating under the NARO as a component of National Agricultural Research Organization. BUZARDI is responsible for carrying out applied and adaptive research in the Lake Albert Crescent Zone (LACZ) and covers mid-western Uganda districts of Hoima, Masindi, Buliisa, Kibaale, Kiryandongo, Kakumiro, Kagadi, and Kikuube.

BUZARDI was formerly a district farm institute and was elevated to Bulindi Agricultural Research and Development Centre in February 2001 and it changed into a fully-fledged Zonal Agricultural Research and Development Institute in 2006

### **1.2 Location**

BUZARDI is located in Hoima district 20km away from Hoima city along Masindi-Hoima road in Kigungu village Bulindi town council Kyabigambire Sub County. It covers an area of 271 acres (110 ha) of which 70% is arable. It also has 1950 acres of land in Kigumba-Kiryandongo district

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### **Vision**

A competitive society supported by a dynamic agricultural research innovation

### **Mission**

To innovate for sustainable agricultural transformation in the LACZ.