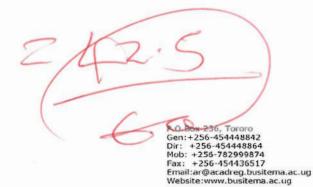
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# FACULTY OF AGRICULTURE AND ANIMAL SCIENCES

DCP 1208 INDUSTRIAL TRAINING REPORT CARRIED OUT AT ABI ZONAL AGRICULTURAL RESEARCH AND DEVELOPMENT INSTITUTE IN ARUA CITY FROM 28<sup>TH</sup> FEB TO 6<sup>TH</sup> MAY 2022

### **COMPLIED BY**

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TO BE SUBMITTED TO THE DEPARTMENT OF AGRIBUSSINESS AND EXTENSION FOR PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE AWARD OF DIPLOMA IN CROP PRODUCTION AND MANAGEMENT OF BUSITEMA UNIVERSITY

## DECLARATION

I Maleni Jillian Cathy hereby declare to the best of my knowledge that all the information on this internship training report has been fully complied by me and has never been submitted for any academic award.

| Name: MPLCNI JILLIAN | CATHY          |
|----------------------|----------------|
| Sign                 | Date 13/5/2022 |

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# APPROVAL

| This report has been submitted with approval of; |
|--|
| Sign. Date 32022  Mr Dickson Egama               |
| Field Supervisor                                 |
| Sign   |
| Sign   |
|  |
| Dr. Charles Andiku                               |
| Academic Supervisor                              |

## **DEDICATION**

I dedicate this report to my beloved mother Aliangua Joyce for the tireless support she offers to me. I also wish dedicate the report tobrothers and sisters Adrean, Emmanuella, Keilaand Brian, and Aunt Freda. May the Almighty God bless and reward all of you abundantly.

#### **ACKNOWLEDGEMENT**

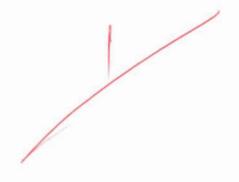
In the first place, I would wise to extend my sincere gratitude to the Almighty God for the protection He offered me in the due course of carrying out the internship training.

My special thanks also go to the Administrators, and lecturers of Busitema University who offered their great time to guide us.

I would also wish to extend great thanks to the Administration of ABI ZARDI for giving me the chance to carry out my internship training in this institution and also to the staff members for their tireless work done.

Lastly, my humble thanks also go to my Field Supervisor Mr. Egama Dickson for sparing his precious time to guide me so as to attain a successful internship training.

May God bless and reward all of you abundantly.



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|           | tiivties carried out during industrial training a |   |  |
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### LIST OF ACRONYMS

NARO National Agricultural Research Organization

ZARDI Zonal Agricultural Research and Development Institute

F.A.O Foods and Agricultural Office

HR/AO Human Resource and Administration Office

ARCD Agricultural Research and Development Center

DFA District Farmers Association

NAADS National Agricultural Advisory Services

IPM Integrated Pest Management

IDM Integrated Disease Management

PHH Post- Harvest handling

# LIST OF TABLES AND FIGURES

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#### ABSTRACT

This industrial training was conducted at ABI ZARDI (NARO) from 28/02/2022 to 06/5/2022The specific objectives of this industrial training were to get exposed to communities, learn new technologies and administrative roles, and relate class room work with practical field work.

The institute have different units/ departments that are being handled by the respective technicians and scientists.

During this period, skills and knowledge were gained on identification of field pests and disease incidences and their rate of attack and effect on crops, and I also acquired the skill of field setting were Pythagoras theory (3,4,5) was used.

Although there were some challenge we faced in the due course of the industrial training, the attachment was generally helpful and highly appreciated by all student.

I therefore encourage that internship training should continue and all the students to highly consider it as most of the practical skills and knowledge are mainly gained from it.

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#### **CHAPTER ONE**

### INTRODUCTION

The introduction provides detailed information about the place of internship and such details include; ownership and mandate, organization of the firm, location and mailing address, history and measures put in place to guide internship. It also highlights the key objectives of the internship.

## Ownership and Mandate of Abi ZARDI

Abi Zonal Agricultural Research and Development Institute (ABI-ZARDI) is a public research organization and one of the institutes under the National Agricultural Research Organization (NARO) mandated to conduct applied and adaptive agricultural research in the West Nile Agro ecological Zone.

## Organization of Abi ZARDI

Abi ZARDI is headed by the Director of Researchwhose activities are supervised by Advisory Committee. The Director is followed by Program Leaders who head the three different programs. The programs include crops and natural resources, livestock and fisheries, and Technology Promotion and Outreach.

The programs have different departments or units that are managed by Scientists who are supported by Technicians. The units include;

The Crops and Natural Resources Program thathasSoil, Agro-Forestry, Crop Entomology, Farm Management, Crop Pathology, and Crop Agronomy Departments.

Meanwhile, the Livestock and Fisheries Program houses the Aquaculture, Apiculture, Livestock Health and Production Units.

Lastly, the Technology Promotion and Outreach holds units such as;Development Communication, Rural Sociology, Socio Economics, Monitoring and Evaluation.Besides the core staff, there are also support staff that include; Finance Officer, Cashier, Accountants Assistant, Internal Auditor, Human Resource and Administration Officer, Stores Officer, Procurement Officer, and the Administrative Assistant.