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BUSITEMA UNIVERSITY FACULTY OF AGRICULTURE AND ANIMAL SCIENCES A REPORT ON INDUSTRIALTRAINING CARRIED OUT IN NABUIN ZONAL AGRICULTURAL RESEARCH AND DEVELOPMENT INSTITUTE LORENGEDWAT SUB-COUNTY, NABILATUK DISTRICT. FOM 28th FEB TO 6th MAY 2022

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COURSE: NAME INDUSTRIAL TRAINING

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TO BE SUBMITTED TO THE DEPARTMENT OF AGRI-BUSSINESS AND EXTENTION, FACULTY OF AGRICULTURE AND ANIMAL SCIENCE BUSITEMA UNIVERSITY ARAPAI CAMPUS IN PARTIAL FULLFILLMENT OF REQIREMENT FOR THE AWARD OF CERTIFICATE IN GENERAL AGRICULTURE.

DATE OF SUBMISSION. 20th 05/2022

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another higher institution of learning for the award of any certificate.
Signature.
Date 95 1/5/2020
This report has been supervised and is submitted for examination with the approval of the
Following;
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I, CHEMUTAI FAIZA declare that this report has not been submitted to any other university or



DEDICATION

I dedicate this report to my Sponsor DALY MILROY and HAI who have managed to support me financially throughout the training and they did not only support me financially but also education wise and moral behavior as well.

I also dedicate this report to my Parents MISS JENIFER KAPCHEBUKWO and MR KAPCHEBUKWO WILLIAM.

The staff of Busitema University Arapai Campus who has contributed much towards my education by providing me with the necessary knowledge and skills required.



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I extend my acknowledgement to the almighty God for the love throughout this entire period of Internship.

I extend my sincere appreciation to my field supervisors, Leadership assistance rendered to me during the period of Internship.

I also gratefully thank my colleagues from BUAC for their endless efforts and prayers to God that has enabled me accomplish the industrial training.

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LIST OF ABBREVIATIONS

FAO.....Food Agricultural Organization. FAW...... Fall Army Worm. MSB...... Maize Stalk Borer ZARDI......Zonal Agricultural Research Development. KTB..... Kenyan Top Bar Hive. ML Milliliters. MG Milligrams. CM Centimeters. KG..... Kilograms. NB...... Note very well. ETC..... And so on. I.E..... For example.



LIST OF TABLS AND FIGURES

- 1. The picture above shows soil sample being carried out in Nabuin ZARDI
- 2. The picture below shows Post Mortem being carried out in an animal during an industrial training
- 3. The picture above shows formulation of biopesticides using different plant materials
- 4. The picture above shows the mounting of fish frying net

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ABSTRACT

This report contains a detailed and précised over view of my industrial training which took place from 28th February,2022 to 6th May to 2022 at Nabuin ZARDI in various departments like crop department, livestock department and Natural resources under supervision. This report also includes a brief back ground of Nabuin ZARDI, all the activities carried out, my experiences during the attachment, conclusions and recommendations, all presented on different chapters.

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1.0 CHAPTER ONE

1.0 Introduction to Internship at Nabuin ZARDI

This academic document is field attachment report carried out at Nabuin ZARDI which is a government aided organization located in Nabilatuk district 25 kilometers from Moroto district that is under the agricultural sector whose land size is one thousand two hundred acres with thirty five employees and four departments i.e. administrative with sub sectors finance, procurement and farm management, livestock with sub sectors animal production, animal health animal traction, aquaculture and apiary this has scientists and technicians , crop with sub sectors agronomy, entomology and pathology with scientists and technicians and natural resources with sub sectors agroforestry and soil improvement with scientists and technicians which is a reputable organization and regulations on interns is based on the public service act, services offered are research and extension services to the community and educational institutes.

1.2 BACK GROUND OF Nabuin ZARDI

Nabuin Zonal Agricultural Research and Development Institute is one of the sixteen Public Agricultural Research Institutes under the National Agricultural Research Organization established by the NAR ACT (2005). The institute is mandated to conduct and manage applied and adaptive agricultural research and facilitate the development and dissemination of appropriate agricultural technologies that address the specific needs of the North Eastern dry land Agro-ecological zone of Teso and Karamoja. The zone comprises of 15 districts of Serere, Soroti, Kaberamaido, Ngora, Kumi, Bukedea, Amuria, Katakwi, Napak, Moroto, Nakapiripirit, Kotido, Abim, Kaabong, and Amudat. Nabuin ZARDI is located in Nabilatuk district.

Nabuin was initially, a Government Institute established in the early 1963 to serve the then greater Karamoja District with knowledge and extension services in agriculture. However, during the 1979 unrest and subsequent years, the centre was vandalized and its entire infrastructure was completely destroyed and therefore ceased to be operational.

Following various reforms in Agricultural research, the National Agricultural Research Act 2005 re-established Nabuin as a semi-autonomous Zonal Agricultural Research and Development Institute (ZARDI) catering for the North-Eastern agro ecological zone of Karamoja and