



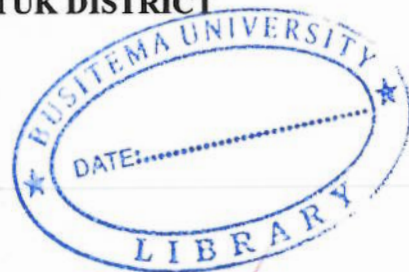
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FACULTY OF AGRICULTURE AND ANIMAL SCIENCES

**A REPORT ON INDUSTRIAL TRAINING CARRIED OUT IN NABUIN ZONAL
AGRICULTURAL RESEARCH AND DEVELOPMENT INSTITUTE
(NABUIN ZARDI) NARO IN NABILATUK DISTRICT**



BY

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**A REPORT SUBMITTED TO THE DEPARTMENT OF AGRIBUSINESS AND
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ANIMAL PRODUCTION AND MANAGEMENT OF
BUSITEMA UNIVERSITY ARAPAI CAMPUS**

MAY 2022


Declaration

I **Apet Abraham Isura** declare that this report has been compiled solely by myself and that it has not been submitted, in whole or in part in any application for a certificate.

This field work report has been done under the supervision of my field supervisor and it is ready for submission to the faculty of agriculture and animal sciences Busitema University Arapai Campus.

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Dedication

I dedicate my filed report to my family and many other friends. As a special feeling of gratitude to my loving parents Mr. Isura William and Mrs Chepar Pauline Isura whose words of encouragement, financial support, spiritual and push for a bright future ring in my ears. My sisters Ms. Toto Esther Amase, Ms. Nasimiyu Kessia Marina and Ms. Cherop Miriam Alogirit have never left my side and are very special to me. Not forgetting the management of Nabuin Zonal Agricultural Research and Development Institute (Nabuin Zardi) for allowing me carryout my attachment in the farm institution. Special thanks also go to my field supervisor who kept on guiding me from time to time.

Acknowledgement

I would like to express my gratitude towards my parents, Mr. Isura William and Mrs. Chepar Pauline Isura and the staff of Nabuin – Zardi for their cooperation and encouragement which scored me in the completion of this attachment. I would like to express my special grant and thanks to Mr. Kayongo Samuel for giving me special attention and time during my attachment. Thanks and may God bless you all. Amen

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CHAPTER ONE

1.0 INTRODUCTION

This academic document is field attachment report carried out at Nabuin Zardi NARO a government aided organization located in Nabilatuk district 25 kilometres south of 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. administration with sub sectors finance, procurement and farm management, livestock with sub sectors animal production, animal health animal traction, aquaculture and apiary these are 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.

1.1 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 Teso. After its re-establishment Nabuin ZARDI, started operating from Serere (former District Farm Institute) because of the insecurity and absence of infrastructure at the Nabuin station Lorengedwat sub-county, Nabilatuk district. However, in 2010, Nabuin ZARDI opened a main office in Moroto Municipality, as a way to operate closer to and develop infrastructure at Nabuin - ZARDI in Nabilatuk district. And to date, Nabuin ZARDI has moved all its operations to the Nabuin - ZARDI station in Lorengedwat sub - county, Nabilatuk District.

1.1.1 VISION

To transform agriculture for increased income, food security and sustainable development in Teso and Karamoja.

1.1.2 MISSION

To generate, promote and disseminate appropriate agricultural technologies for improved production and productivity in Karamoja and Teso.

1.2 OBJECTIVES OF THE ORGANIZATION

- To improve livestock breeds,
- To undertake research in crop production for semi-arid production systems in areas of research and production for management.
- To develop and manage a research information system that ensures adequate information exchange and chances of collaboration and linkages with the stakeholders and partners.
- To enhance the cohesion in the NARS and NARS programmes
- To empower and enhance the capacity of stakeholders in demand articulation and governance of the research programmes
- To improve access to and ensure effectiveness and efficiency in resource use in the research for development programmes