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FACULTY OF AGRICULTURE AND ANIMAL SCIENCES
INTERNSHIP TRAINING REPORT HELD AT MAKERERE UNIVERSITY
AGRICULTURAL RESEARCH INSTITUTE KABANYOLO (MUARIK)

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YEAR: ONE

**A REPORT SUBMITTED TO THE DEPARTMENT OF AGRIBUSINESS AND EXTENSION IN
PARTIAL FULFILLMENT FOR THE AWARD OF DIPLOMA IN CROP PRODUCTION AND
MANAGEMENT BUSITEMA UNIVERSITY ARAPAI CAMPUS**

FROM: 28TH/FEBRUARY

TO: 22ND/APRIL/ 2022

DATE OF SUBMISSION: 18.../08.../2022



DECLARATION

I **KWAZA AZIIZA** hereby declare that this report is my original work and that it has never been submitted to this or any other University for any academic award.

Sign: Kwaza.....

Date: 18/05/2022.....

APPROVAL

FIELD SUPERVISOR

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date: 18/05/22

ACADEMIC SUPERVISOR

NAME: ETIANGA PATRICK

Signature: [Signature].....

date: 18/05/2022

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DEDICATION

I dedicate this industrial training report to almighty God for the support he gave me during the time of conducting industrial training. I also dedicate it to the University supervisor Mr. Etiang Patrick and field supervisor Mrs. Awalo Mercy and the entire staff of MUARIK for their close supervision, guidance and their strong affection. Still I dedicate this report to my hero dad Mr. Director Musitwa Paul, my lovely mom Chancellor Kagoya Aminah Musitwa for supporting me financially and not being tireless towards me and my father Mr. Damda Jowali, and my mother Namuli Betty. I also dedicate it to my great sisters Eunice, Edith, Lukia and among others, my brothers Moses, Benjamin, Sadati and among others. I also dedicate it to all my friends and relatives who have been with me through my industrial training, giving me all kind of support and advice for the success of my education

ACKNOWLEDGEMENT

I would like to thank God for enabling me and protecting me throughout this internship. Also thank my parents and my brother and sisters for the support given to me in everything. May God bless you.

I also acknowledge my University supervisor Mr. Etiang Patrick and field supervisor Mrs. Awalo Mercy and the entire staff of MUARIK for their close supervision, guidance and their strong affection.

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LIST OF ABBREVIATIONS

MUARIK: Makerere University Agricultural Research Institute Kabanyolo

I.T: Industrial training

CAEC: Continuing Agricultural Education Centre

ECF: East coast fever

NCD: Newcastle disease

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ABSTRACT

I participated in the following activities while carrying out my industrial training at MUARIK

Chapter one includes the introductory part such as the historical background of MUARIK, mission, vision, objectives and the organization structure

Chapter two describes the activities that I participated in during the internship

In animal production, we looked at hand milking of cows every morning, Debudding, temperature measurement, weight estimation of calves, calf identification, silage making and hay bailing. Under piggery, we covered castration. In crop section we looked at coffee, banana management, soybean and tomatoes under hydroponics and many others

Chapter three shows the skills I gained, responsibilities undertaken, influence of the field attachment on my future career and the correlation of industrial training knowledge with that of lecture

Chapter four includes the conclusion and recommendations as far as my industrial training in concerned

Though I faced many challenges like over working, I was able to overcome them and finally completed this industrial training successfully.

CHAPTER ONE: INTRODUCTION

1.1 BACKGROUND OF MUARIK

MUARIK is located 19km North West of Kampala off Gayaza Township on Kampala-Gayaza-Ziobwe road. It is found in Kabanyolo village, Nangabo Sub County, Wakiso district.

MUARIK is a public institution established in 1953 as a farm and upgraded to a fully-fledged research institute in 1996. It is owned by Makerere University under the college of Agricultural and Environmental sciences. The land capacity is 650 hectares, located 19 km North West Kampala off Gayaza Township on Kampala-Gayaza-Ziobwe road. It is found in Kabanyolo village, Nangabo Sub County, Wakiso district. It experiences bi-modal rainfall (averages 1100 mm per annum) and the mean temperature is 21°C. The soils are well drained rich of low macrobiotic matter. MUARIK offers favorable environment to farmers, students of all levels and researchers. The institution became self-accounting in 1996 and it has taken on the task of generating revenue to run most of its operations.

In brief, MUARIK structures are composed of all types of farming ranging from crop to livestock which includes; piggery, horticulture, poultry, dairy, goat rearing, aquaculture, mechanization, coffee, soya bean among many others.

1.2 VISION

To be a Centre of excellence in Agricultural Research, generation of cutting edge innovations and Service delivery in Africa

1.3 MISSION

To provide innovative teaching, research and service Relevant to National and global needs

1.4 OBJECTIVES

- Provide a learning Centre for undergraduate and graduate students at national level for acquisition of hands on skills in Agriculture sector.
- Provide in service training to learners and the community
- Create a conducive environment and platform for public –private partnerships engagements