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MURYONY LABAN INDUSTRIAL REPORT CONDUCTED AT BUSITEMA UNIVERSITY ARAPAI FARM

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TO BE SUBMITTED TO FACULTY OF AGRICULTURE AND ANIMALS SCIENCE IN FULFILLMENT FOR THE REQUIREMENT OF AWARD OF DIPLOMA IN CROP PRODUCTION AND MANAGE¹MENT

DATE of SURMISSION Oblos/2022.

DECLARATION

I declare that the information in this report is got from the work of my hands and has not been submitted to any university for any award.

Date.

Sign by

Date...

DEDICATION

I Dedicate my internship report to my parents Mr.Bendui Simon , chebet , sande Jonah and mutai Elijah who are holding my life of success for their financial support, care, protection, concern and love that they gave me during my course. You have laid a firm foundation that I will always put in my memory

CLASS NO. FAA 1827

ACKNOWLEDGEMENT

First and foremost, I thank the Lord Almighty, for granting me all the years of success. Secondly I will like to appreciate Busitema university internship coordinator Doctor Ronald and Arapai campus farm manager Doctor Okwany Patrick and his staffs for granting me an opportunity to conduct internship at their farm may God add you blessings, thanks for allowing me to conduct internship at such a conducive environment with limited facilities for research.

I will like to thank the entire stuffs of Busitema university Arapai campus for giving such opportunity that equipped us to gain you early a skills on hand in an extra ordinary way. I will like to acknowledge the effort of my brother mutai Elijah who brought me to such a great institution of learning and guide me to choose the path, I will also like to extend my gratitude to the following staffs Mr. Julius olupot, muhindo Williams, Mr. opio Moses, Mr. Ewalu Moses, Mr. opesen Joseph, and Mrs. EDUYE Eunice for taking us successful through internship may almighty God reward you abundantly

TABLE OF CONTENT

Contents

| DECLARATION | |
|--|-----|
| DEDICATION | i |
| ACKNOWLEDGEMENTi | |
| | |
| TABLE OF CONTENTi | I۱ |
| List of abbreviation | ١ |
| ABSTRACTv | /i |
| CHAPTER ONE INTRODUCTION | 1 |
| Background | 1 |
| ADDRESS | 1 |
| Vision | 1 |
| Mission | 2 |
| Objectives of arapai farm | 7 |
| Core values | 7 |
| Organizational Structure Of Arapai Campus Farm | |
| Chapter two description of attachment | . 4 |
| Chapter three: Impacts of the section | . 8 |
| Chapter four. Conclusions and recommendations | L |
| Recommendations | l. |
| Appendices | L |

LIST OF ABBREVIATION

D c p Diploma in crop production and management

E.g. example given

E .t .c and many others

I'm. Intramuscular

L a. Long acting

A.R to mean academic registrar

Mr. Mister

Mrs. Misses

| Table 1 showing work plan | 13 |
|--|----|
| Figure 1 showing organizational structure | 3 |
| Figure 2 showing spraying of cattle | 15 |
| Figure 3 showing trellising in green House of tomatoes. | 15 |
| Figure 4 showing field marking | 16 |
| Figure 5showing aging of this goat was two years | 16 |
| Figure 6 showing during restraining animal for treatment | 17 |

ABSTRACT

Industrial training is among the requirements needed for students of various programs to accomplished in order to graduate, it's done at the middle of the course e.g. after one year for a two year course and after two years for four years course, students are expected to leave there campuses to get exposed to new practical skills in various field and supervisor at the end, then after expected to write a report and submit for marking, internship aimed at producing higher trained students in practical skills to enhance field and job creativity in community and put in place existing theory into practical skills obtained, Activities conducted during industrial training include, cleaning of diary unite, feed formulation, pasture management, green house production, weeding of banana garden, feeding of pigs, dehorning, disbudding, trellising. in tomatoes , spraying and planting of maize.

Therefore my main objectives were to attained knowledge in the following sections

- ➤ .animal section .Cattle management
- Breeds and daily routine management in piggery
- Parasites and disease identification in pigs
- Control measures
- > . Feed formulation
- Banana production
- Green House production
- Land marking
- > . Pastures management
- Agronomic practices, poultry, and orchard management, small ruminants and seed bed preparation.

The training however was done successful since most of its aims /objectives were attained during our internship. we were divided into groups, for easy mobilization each under one leader and we were to move from one section to another from one week to another respectfully, our internship used to be conducted from morning 7:30am until you finish the work depending on your commitment, however each section had its own instructor to guide the learners, our intern took us 10 weeks. Therefore, we observed that we were missing a lot in class since most practical skills were impacted during internship, we also observed that most farmers were lacking a lot especially in field marking and agronomic practices hence lowering their Productivity and we



therefore recommend crop officers should be trained to help farmers achieve long and short term objectives in production and minimize losses affecting their enterprises,. I also advice our university to give students more time and allocate more resources in internship sections since it has more positive impact to students towards achieving the nearby future career.

CHAPTER ONE INTRODUCTION

Busitema university Arapai farm is a government owned farm under faculty of agriculture and animal science which deals with both crop and animal husbandry and some part of fish industry. The farm mainly operate in two sections to a larger extend and this are crop and animal section, but fish farming to a small extend. Crop sections include, horticulture, orchard, green House, botanical garden, agro forestry while animal sections include small ruminants, cattle, piggery, poultry, pastures etc. It's main target to their products are the students, community and lecturers since most products produce are highly perishable for example milk, and other products like eitrus, and mushroom that needs ready market from the surrounding population.

Background

Busitema university is a multi-campus university with 6 campus. Arapai farm is situated along Soroti- Moroto road. 10km from Soroti city Eastern Uganda, Temele parish, Arapai sub county Soroti district, Arapai farm cover around estimate of 700hacters of land, however most of the land is not yet under production, establishments are still on. The farm was first established in 2007by the British has an agriculture college to trained farmers and students to improve agricultural production, certificates were only issues as a reward after your course. The faculty of agriculture and animal science started operation in 2010 taking over from Arapai agriculture college that has been existing since 1952 offering Diplomas and certificates to agriculture related subjects, ministry of agriculture upgrade as a university institute farm under Busitema university where it's head quarter is located in, This farm majors on two sections that are animal, and crop 'to larger extend.

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Vision

To be a center of academic and professional excellence in science technology and innovation