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A REPORT ON SKILLS AND QUALIFICATION ATTAINED DURING INDUSTRIAL TRAINING AT SANGA FIELD STATION NAGRC&D FROM 28THFEBRUARY TO 6THMAY 2022.

COMPILED BY

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Employer: National Animal Genetic Resource Center and Data Bank NAGRC&DB, Sanga field station, ministry of Agriculture, animal industry and fisheries

Location: Sanga field station is located at kiruhura district.

SUBMITTED TO DEPARTMENT OF AGRI BUSSINESS AND EXTENSION IN PARTIALFULFILLMENT OF THE REQUIREMENT FOR THE AWARD OF DIPLOMA IN ANIMALPRODUCTION AND MANAGEMEN OF TBUSITEMA UNIVERSIT.

DATE OF SUBMISSION.....



3.5

DECLARATION

I **AKATUKUNDA MERCY** do declare that, this report was written by myself from the industrial training attachment at Sanga field station and to the best of my knowledge, it has never been submitted to any institution of learning for the award of any academic qualification. I therefore, present this report to Busitema University –Faculty of Agriculture and Animal Sciences (FAAS), department of industrial training, for the award of a Diploma in Animal Production and Management (DAP).

SIGNITURE

.....
mercy

DATE

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17/05/2021

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DEDICATION

I dedicate this work to **God** first who has kept me alive and enable me study and secondly to my parents **Jengrous mugyenyi**, sisters, and brothers who supported me financially during my industrial training and more so my friends who were there with me from the beginning up to the accomplishment of this report. Furthermore I dedicate this report to my lecturer Mr. **Okwany Patrick** and **Katenya George** for the great advice they gave to me during the course of the year.



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 - The assistant manager Sanga field station, Mrs. Nasaasira Racheal
-
- And all the field assistants.

Your infinity assistance guidance generosity and tolerance during the training will not be forgotten.

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LIST OF ABREEVATIONS

NAGRC&DB: National Animal Genetic Resource Center and Data Bank

SFS: Sanga Field Station

PD: Pregnancy Diagnosis

FAAS: Faculty of Agriculture and Animal Science

DAP: Diplomain Animal Production and Management

ECF: East Cost Fever



LIST OF TABLE AND FIGURES

Table 1 is showing feed requirements for goats.

Table 2 is showing ear tagging in cattle.

Table 3 is showing milking time table.

Figure 1 is showing the organization chart.

Figure 2 is showing the interneer doing pregnancy diagnosis.

Figure 3 is showing the student practicing hand milking

Figure 4 is showing the interneer vaccinating goats.

Figure 5 is showing the student digging holes for putting fencing poles.

Figure 6 is showing the interneer castrating goats.

Figure 7 showing the student repairing the fence.

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ABSTRACT

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Sanga field station is a government farm with two enterprises mainly goat production and cattle production. It is aimed at producing high quality and quantity milk and beef for the community. The industrial training at Sanga field station attempted to provide practical, field practice and experience to enhance the theoretical knowledge that is learnt in class.

Therefore my objectives were to be acquainted myself with.

- There various animal husbandry practices and get hands on experience on animal welfare skills.
- The various breeds of dairy cattle.
- Animal diseases, the signs. Symptoms and treatment.
- Methods of pest control used by farmers in the two enterprises
- Pasture management and preserve
- To know the new breeds of goats

The training revealed that some of the theory taught in class slightly differs what is practically done in the field for example very few welfare practices are applied in the field, obviously ones that are observed include treating of animals milking of animals restraining them and allowing them to rest during the process of milking and among others but when it comes to moving animals welfare is not followed at all because animals are beaten badly and sometimes they even bleed.

The training also revealed that production and movement in any enterprises are two different broad activities which must move hand in hand for any farm to get their expected profit or even more, production and management require a lot of hard work sacrifice dedication and determination.

It is therefore recommended that more animal husbandry officers should be trained to guide and advise farmers who are facing hardships in production and management on how to control them in proper animal management.

CHAPTER ONE: INTRODUCTION

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1.0 INTRODUCTION

The industrial training is a program that exposes the students to exercise their theory learnt in class at the University into practical knowledge required in the field. It started on 28th /02/2022 to 6th/05/2022. During this period, I was attached to Sanga field station NAGRC& DB with the aim of finding new breed and finally to provide product such as milk and others so as to satisfy the needs of the community and around the country at large.

1.1 LOCATION

The farm is located in Sanga kiruhura district

Study area.

The study is conducted at Sanga Field Station located at Sanga, 1 kilometer off Masaka-Mbarara road, Kiruhura district. In western Uganda. The farm lies at the altitude of 1000-1400 meters above sea level. The climate of the area is warm and wet with relatively high humidity. The area has a bimodal rainfall pattern and receives average annual rainfall of 1320 mm and the minimum temperature of the area is 11^oc and maximum is 34.5^oc.

1.2 BACKGROUND

Sanga field station is a government farm under the guidance of NAGRC&DB operating under ministry of Agriculture, Animal industry and fisheries in Animal sector.

The farm started functioning in 1950s jointly by the Ugandan government and USAAID as a cross breeding ranch and to serve as a demonstration to the neighboring ranches who wanted to cross bred their local cattle for improved beef and milk production. Sanga field station has 2.5 square miles of land and its mandated for beef production.
