

## AN INDUSTRIAL TRAINING REPORT ON ANIMAL PRODUTION AND MANANAGEMENT CARRIED OUT

# AT SANGA FIELD STATION IN SANGA TOWN COUNCIL KASHONGI SUB -COUNTY KIRUHURA DISTRICT

BY

**MUHWEZI CHRISPUS** 

REG NO: BU/UG/2019/ 2923

YEAR TWO (2)

TRAINING REPORT SUBMMITTED TO DEPARTMENT OF AGRICULTHE BUSITEMA UNIVERSITY ARAPAI CAMPU PARTIAL FULFILMENT OF THE REQUIREMENT FOR THE AWARD OF DIPLOMA IN ANIMAL PRODUTION AND

**MANAGEMENT** 

FROM 28/2/2022 - 6/5/2022

#### **DECLARATION**

I MUHWEZI CHRISPUS, do hereby declare that this report is my own original work done with in the period of registration and that it has neither been submitted nor been co-currently submitted in any another institution for any award.

Sign. Masser

Date 5/5/2022

#### DEDICATION

I dedicate this report to my beloved parents, friends especially to those whom I did with them internship at Sanga Field Station especially MONITA, CALORINE and my supervisors.

May lord our GOD reward them accordingly

Lastly I dedicate this report to my academic supervisor Mr.TURYASINGURA GOEFREY for

their support



#### **ACKNOWDGEMENT**

This industrial training report was successfully through assistance on support of people who contributed time towards the success of my training, encouragement, finance, suggestion and cooperation toward the success of industrial training. I want thank my parents, relatives and immediately supervisor for the field practices skills which rendered to so as that to complete my industrial training successfully.

Finally I thank the almighty GOD who has been my supporter in the partial fulfillment of my industrial training.

#### LIST OF FIGURES

Figure 1, showing maize production

Figure 2, showing ear tag applicator

Figure 3, showing castration

Figure 4, showing dehoning

Figure 5, showing artificial insemination

#### LIST OF TABLES

Table 1, showing herd structure

Table 2, showing flock structure

Table 3, showing milk production records

Table 4, showing health records

#### **ABSTRACT**

This report is a completion of all the information collected during my industrial training carried out at SANGA FIELD STATION which is located a long mbarara –masaka main road in SANGA town council Kiruhura district

. During the period, a variety of activities were carried out in which new skills and exposure to various cases was gained.

The main objectives of industrial training was to translate and transform the theoretical knowledge acquired while in class into real field (practical hands on) experiences to acquire skills and confidence plus getting exposed to the field of agriculture

Also the farm comprises of Friesian cross cattle, Brahman, Boran, Mubende goats and Kigezi goats, from Kigezi highlands

Various activities were carried out such as Milking, measuring milk per cow after milking, feeding calves on bucket, scrubbing the milking parlor, animal identification, dehorning, pasture management, castration, dipping, heat synchronization, deworming, vaccination, silage making, and blood collection

Despite the fact that my internship was beneficial to me, I also encountered a number of challenges like un favorable condition (rainy season), language barrier etc.

I would recommend that the management and staff of SANGA FIELD STATION should equip the farm with sufficient tools, introduce other enterprises like piggery and poultry, rabbits to utilize vast farm land

All this above information was obtained through discussion, participation and cooperation in all activities.

I conclude by thanking the farm manager Mr. Kyokwijuka Peter and the entire staff members.

### TABLE OF CONTENTS

DECLARATION	li
APPROVAL	
DEDICATION	iv
ACKNOWDGEMENT	v
LIST OF ACRONYMS	vi
LIST OF TABLES	vij
ABSTRACT	viii
CHAPTER ONE	11
1.1 INTRODUCTION	11
1.7 ORGANISATION STRUCTURE RUBONA STOCK FARM	13
1.8 ROLES OF THE ORGANISATION	13
1.9 FARM ANNIMAL SPECIES	14
1.10 OTHER FARM INVENTORY	14
CHAPTER TWO	15
2.0 INTRODUCTION	15
2.1 DAIRY MANAGEMENT:	15
2.3 GOAT MANAGEMENT	18
2.4 NUTRITION AND PASTURE MANAGEMENT	
2.5 SILAGE MAKING	22
ANIMAL IDENTIFICATION	23
2.6 ANIMAL HEALTH	25
2.7 POST MORTEM AND ANTEMORTEM	29
2.8 DEWORMING OF ANIMALS	29
2.9 VACCINATION OF ANIMALS	31

	2.10 SPRAYING IN GOATS TO CONTROL ECTO PARASITES.	31
	MAINTAINENCE AND SEFETY	32
	2.2.0 CASTRATION	32
	2.2 0 DEHORNING	34
	2.2.1 FARM STRUCTURES	35
	2.2.2 RECORD KEEPING.	38
	2.2.3 DEMOSTRASTION OF ARTIFICIAL INSERMINATION	39
	2.2.4 HEAT SYNCHRONISATION	42
	CHAPTER THREE.	33
	3.0 INTRODUCTION	44
	3.1 CHALLENGES FACED BY THE FARM	44
	3.2 SOLUTIONS FOR THE ABOVE PROBLEMS	44
	3.3 CHALLENGES FACED BY STUDENTS DURING INDUSTRIAL TRAINING	44
	3.4 SOLUTONS FOR THE ABOVE PROBLEMS	44
	3.5 OBSERVATIONS MADE AT THE FARM	44
	3.6 KNOWLEDGE AND SKILLS GAINED	44
	3.7 RECOMMENDATIONS OF THE FARM	44
	3.8 RECOMMENDATIONS TO THE INSTITUTE.	45
	3.9 CONCLUSION.	
Δ	APPEDICES	35
	WORK PLAN OF THE FARM FOR THE ACTIVITIES DONE DURING MY INTERNSHIP.	
	46SKETCH MAP OF SANGA FIL	ELD
_	STATION35	•
K	REFFERENCES	36
	NTRODUCTORY LETTER	.37
C	CERTIFICATE	.38

#### CHAPTER ONE

#### 1.1 INTRODUCTION

The chapter one presents the back ground of case study, objectives of the farm, farm organization, farm products offered by the farm and objectives of the internship.

#### 1.2 BACK GROUND

SANGA FIELD STATION is one of the government Nagric and DB farms in Uganda under the ministry of Agriculture Animal industry controlled by National Animal Genetic Resource Center and Data Bank(NAGRC\$DB)

SANGA FIELD STATIONwas started in 1964 as an administration centrethrough which all operations of Ankole Masaka Ranching scheme was carried out.

In 1990-1991, the Ankole ranching scheme was sub divided and given out farmers using an international organization in german technical co-operation from german, and 2.5 m<sup>2</sup> were left for Sanga Field Station

In 2006 the management was transferred to national Animal genetics resource centre and DATA BANK (NAGRC& DB) to date

The farm supposedly sits on 2.5 m2 of land but currently only 1.5m2 is available for farm operations as 01 m2 is occupied by Captain BASHAIJA and about 03 hectares is occupied by BIKWASI

#### 1.3 OBJECTIVES OF THE FARM.

- Multiplication of pure breed Boer goat
- Multiplication of pure breed dairy cattle
- To produce good quality animals for sale to farmers to improve on their productivity of their herd
- Offer practical training to extension workers, students and farmers
- To stand as a model farm for schools in the district where they conduce academic study tour.