



FACULTY OF AGRICULTURE AND ANIMAL SCIENCES

ARAPAI CAMPUS

A REPORT ON

INDUSTRIAL TRAINING/INTERNSHIP AT

LUSENKE STOCK FARM

NATIONAL ANIMAL AND GENETIC RESOURCE CENTER AND

DATA BANK (NAGRC & DB)

28th-02-2022 to 28th-04.2022 (8 Weeks)

BY;


LOTYANG FREDRICK

Student No. 2000402855

Email address: fredricklotyang@gmail.com

Internship Course Code: APM1301

INTERNSHIP REPORT SUBMITTED TO THE DEPARTMENT OF AGRIBUSINESS AND EXTENSION FOR THE PARTIAL FULFILMENT OF THE AWARD OF A BACHELOR OF ANIMAL PRODUCTION AND MANAGEMENT, OF BUSITEMA UNIVERSITY

LOTYANG Fredrick:  12TH 05-2022.

(Student) Signature Date

Dr. Nalunga Aisha  17/5/22

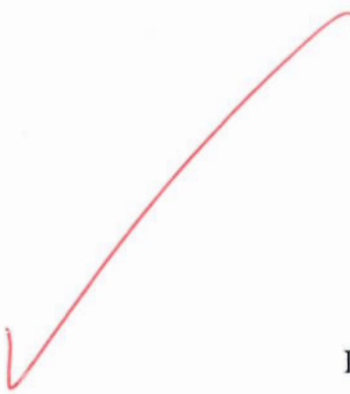
(University Academic supervisor) Signature Date

Mr. Mugowa Jeremiah  12/5/22

(Field supervisor) Signature Date

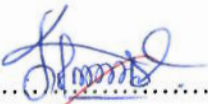


44
80

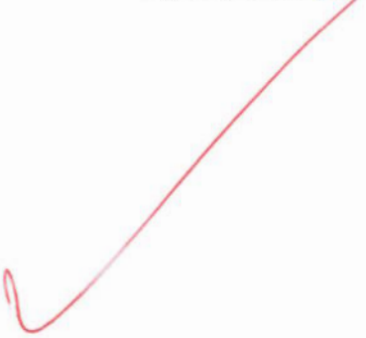


DECLARATION

I LOTYANG Fredrick declare that this report, written in partial fulfillment of the requirements of the award of a Bachelor of Animal Production and management (APM) at Busitema University is my very own authentic work and the content of this document has never been submitted to any institution for the award of any academic credit.

Signature..........

Date.....12TH. 05. 2022.....



DEDICATION

I dedicate this report to my beloved parents Mr. Angura John Bosco and Nachiam Laura and my sponsor FAWEU in partnership with MASTERCARD FOUNDATION for the tremendous work and selfless services done towards my academic work. Their encouragement, advice, financial support and devotion to my endeavors have kept me striving to greater heights

May the Almighty God bless you abundantly.



ACKNOWLEDGEMENT

First and foremost, I would like to acknowledge the mighty hand of the Almighty God that I have seen at work, not only during this field attachment period but also throughout my degree programme

Special heartfelt appreciation goes to Dr. Antono Shadia (Senior Farm Manager, SFM), LAnGRC, Dr. Mugowa Jeremiah (Senior Poultry production specialist) and other farm staff for the technical and administrative assistance rendered to me where necessary as far as programs at Lusenke Animal Genetic Resources (LAnGRC) are concerned.

Finally, I would like to appreciate my university supervisor Dr. Natunga Asha for the professional guidance and direction rendered to me to achieve this success. Also, I feel greatly indebted to my fellow interns, with whom I spent long daily hours accomplishing various tasks and making innovation together; Mr. Kachembe Eddy Moses, Mr. Katende Regan, Mr. Kaweesi Geoffrey, Mr. Wandera Joshua, Mr. Wepukhulu Alex and Mr. Mulabe Isaac. You surely created a great supportive team and everyone achieved it to the fullest

TABLE OF CONTENTS

Contents	
DECLARATION	i
DEDICATION	ii
ACKNOWLEDGEMENT	iii
TABLE OF CONTENTS	iv
LIST OF ABBREVIATIONS	vi
LIST OF TABLES AND FIGURES	vii
ABSTRACT	viii
PART 1	1
1.0. INTRODUCTION	1
1.1. BACKGROUND	1
1.2 ADRESS	2
1.3 TELEGRAMS	2
1.4 MISSION	2
1.5 VISION	2
1.6 GOAL	2
1.7 AIMS AND OBJECTIVES	2
1.8 ORGANISATION STRUCTURE OF LUSENKE STOCK FARM	3
PART 2	4
2.0. DESCRIPTION OF THE ATTACHMENT	4
2.1. WORKING STATION	5
2.2. TASK DESCRIPTION	5
2.2.1. FEEDING SYSTEM ACTIVITIES	5
2.2.1.1. CATTLE SECTION	5
2. Grasses	5

3. Concentrate feeds	5
2.1.1.2. POULTRY SECTION	6
2.1.1.3. PIGGERY SECTION.....	6
2.2.2. TREATMENT OF ANIMAL DISEASES.....	6
2.2.1. HEART WATER	6
2.2.2. RECTAL PROLAPSE	6
2.3. ZOOTECHNICAL ACTIVITIES.....	7
2.3.1. Pregnancy diagnosis:	7
2.3.2. Ear tagging:	7
2.3.3. Castration.	8
2.4. PROPHYLACTIC ACTIVITIES.....	8
2.4.1. Hygiene assessment;	8
2.4.2. Tick control;.....	8
2.5. Control of endoparasites	9
2.5.1. Deworming;.....	9
2.1.4.4. Chick vaccination:.....	10
2.6. FARM CONSTRUCTION ACTIVITIES.....	10
2.6.1. Farm fencing.....	10
PART 3.....	10
3.1. SKILLS AND KNOWLEDGE ACQUIRED	10
3.2. BENEFITS ATTAINED THAT ARE IN RELATION TO THE SPECIAL CONDITIONS EXPERIENCED AND IN BUILDING MY CARRIER.....	11
3.3. CORRELATION THE CLASSROOM KNOWLEDGE.....	11
3.4. CHALLENGES ENCOUNTERED DURING INTERNSHIP	12
PART 4.....	12
4.1. CONCLUSION.....	12

4.2. RECOMMENDATION	13
APPENDICES.....	14
Figure 1. General animal treatment at Lusenke Stock Farm.....	14
Figure 2. A sketch map Lusenke Stock farm-NAGRC&DB	15
APPENDIX 2. Tables	16
Table 2.1. Shows different breeds of introduced PIGS at LSF.....	16
APPENDIX 3.1. WORK PLAN OF ACTIVITIES	17
REFERENCES.....	20

LIST OF ABBREVIATIONS

- BUAC:** Busitema University Arapai Campus
- REG NO:** Registration Number
- BAPM:** Bachelor of animal production and management
- NAGRC & DB:** National Animal and Genetic Resources and Data Bank
- LAnGRC:** Lusenke Animal Genetic Resource Centre
- LSF:** Lusenke stock farm
- FMD:** Foot and mouth disease
- AHO:** Animal Husbandry officer
- SFM:** Senior Farm Manager
- FMC:** Farm Manager Clerk
- AnGRC:** Animal Genetic Resources
- MAAIF:** Ministry of Agriculture, Animal industry and Fisheries

LIST OF TABLES AND FIGURES

APPENDIX I

Table 1. The different introduced pig breeds at LSF

Table 2. Characteristics of the different pig breeds

Table 3. Activity work plan

APPENDIX II

Figure 1. General animal treatment at Lusenke Stock Farm

Figure 2. Feeding of pigs

Figure 3. Introduction of chicks to the brooder

Pages

ABSTRACT

This internship was carried out in LUSENKE STOCK FARM (LAnGRC) NAGRC&DB in the period of 8 weeks from 28th Feb to 28th April 2022

The major objective was to link the theoretical knowledge learnt in class with the practical on the field that enables me to contribute technically to solving common farming problems that are facing farmers in the great Uganda. This can only be achieved if there is knowledge about proper techniques used for animal production improvement practices, the diagnosis of diseases in the field and use of drugs depending on the animal's diseases they treat, how to conduct amnesia. The industrial training at Lusenke Stock Farm attempted to provide practical skills, field practice and experience to enhance the theoretical knowledge that is learnt in class. Therefore, my objectives were to acquaint myself with;

- a) The various animal husbandry practices and get hands on experience on animal welfare skills,
- b) The various breeds of dairy cattle, poultry, and pigs at Lusenke Stock Farm,
- c) Animal diseases, their signs, symptoms, and treatment,
- d) Methods of pest control used by farmers in the three enterprises,
- e) Piggery and poultry management and to practically get some knowledge on Pregnancy Diagnosis, Castration, ear tagging, Rectal prolapse treatment and so forth

PART 1.

1.0. INTRODUCTION

This report describes the activities carried out, skills and knowledge gained, challenges faced during the internship, conclusion of the report and recommendations derived from the challenges faced at Lusenke Stock Farm, NAGRC&DB during the time of industrial training from 28th.02.2022 to 28th.04. 2022

1.1. BACKGROUND

Lusenke stock farm was founded by the British government in 1950s, and it was prioritized and given to the Government of Uganda under the ministry of Agriculture, Animal Industry and Fisheries. Lusenke Stock Farm is one of the largest NAGRC & DB farms with 4300 acres of land.

It's located in the central Buganda region in Ntenjeru North, Lusenke village, Namusaala parish, Busaana sub county Kayunga district. LSF is a branch of NAGRC&DB, a government organization under the Ministry of Agriculture, Animal Industry and Fisheries with its headquarters in Entebbe.

Its address is P.O. Box 183 Entebbe-Uganda. Telephone: 0414 320 831, Fax: 256-41349422, Email: cattbrd@gmail.com. Lusenke stock farm is a government aided farm which deals in cattle, poultry and swine production. All these constitute the integral part in the development of the farm and both of them are the origin of products such as eggs, milk, meat, hides, pork, organic matter which not only provide humans with food but also generate the income for both the population and the country for enhancing the economic development. The major aim of the ministry of Agriculture Animal industry and fisheries (MAAIF) is to increase animal production modernized farming, reduce poverty, and minimize food security. This will ultimately increase the standards of living of the people employed in the different farms of NAGRC&DB. The transformation of animal resources industry can only be achieved if the constraints to animal resources can be reversed.