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**A REPORT ON THE VARIOUS SKILLS AND QUALIFICATIONS ATTAINED  
DURING THE EIGHT WEEKS OF INDUSTRIAL TRAINING AT THE LIVESTOCK  
QUARANTINE CENTRE OF NAGRIC&DB**

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**DATE: 4<sup>TH</sup> MAY, 2022**



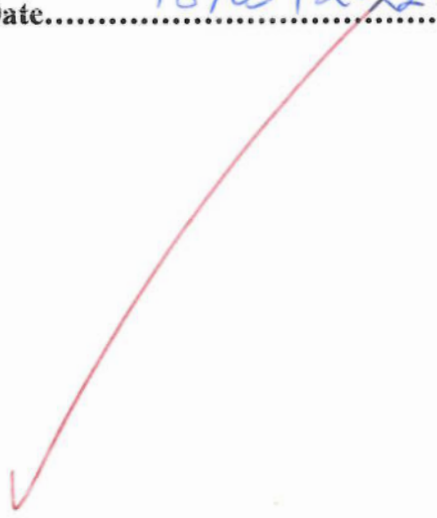
**REPORT TO BE SUBMITTED TO THE FACULTY OF AGRICULTURE AND  
ANIMAL SCIENCES IN PARTIAL FULFILLMENT OF REQUIREMENTS FOR  
ATTAINING A BACHELOR'S DEGREE IN ANIMAL PRODUCTION AND MGT**

**DECLARATION**

I Nakiyijja Deo Angella, to the best of my knowledge, do declare that this is a masterpiece as a result of the training I had at the Livestock Experimental Station for eight weeks and I affirm that it has never been submitted to any institution for academic purposes.

Signature.....*Alka*.....

Date.....*18/05/2022*.....



**APPROVAL PAGE**

The content in this report has been reviewed, cross checked and approved by,

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DATE; .....



**UNIVERSITY SUPERVISOR**

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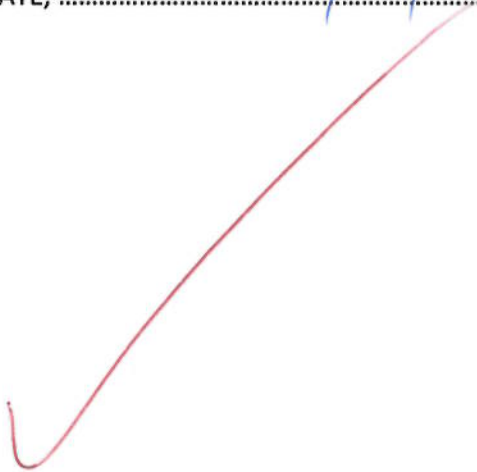
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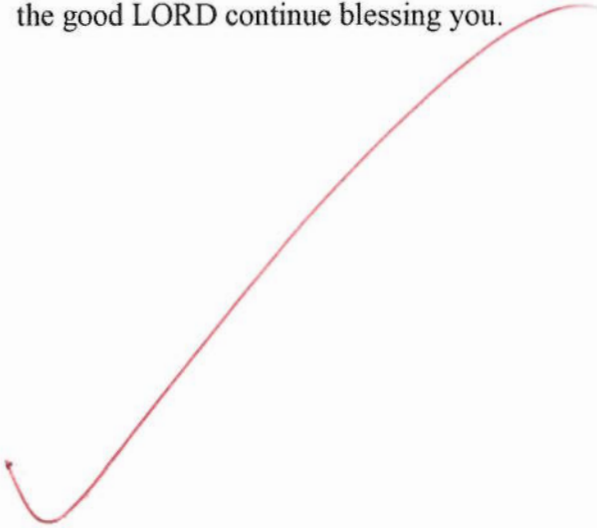
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*18/05/2022*



## DEDICATION

I hereby dedicate this piece of work to the family of Mr. Kasaato James Bukenya for the continued spiritual, financial and social support rendered to me in the time of this training. May the good LORD continue blessing you.



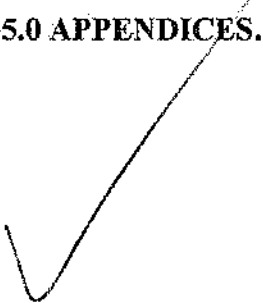
## ACKNOWLEDGEMENT

Needless to mention, I thank the Almighty who has unconditionally provided, guided and protected me through the entire period of industrial training. Furthermore I appreciate the top management of NAGRIC&DB for allowing me have this exceptional experience at LES. I also appreciate the staff at LES in their different capacities for the help and general guidance throughout my study. I will not forget my dear colleagues who always encouraged me to learn more. Words are not enough to express my gratitude but may the Almighty reward you abundantly.



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## LIST OF ABBREVIATIONS

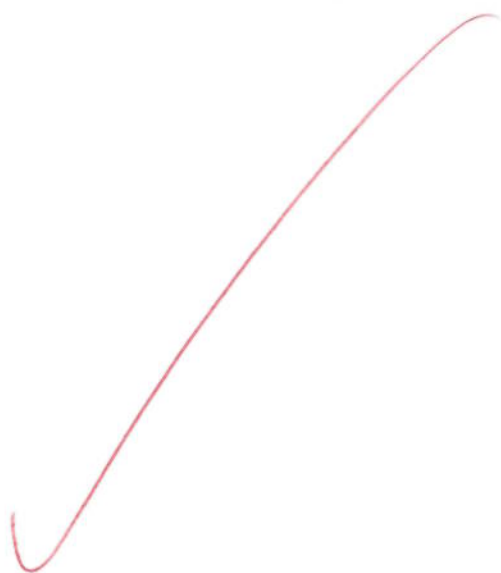
NAGRC&DB- National Animal Genetic Resources Centre and Data Bank

MGT- Management

LES- Livestock Experimental Station

NO- Number

MAAIF- Ministry of Agriculture, Animal Industry and Fisheries



## ABSTRACT

I arrived at the Livestock Experimental Station, a government aided farm on 28<sup>th</sup> February, 2022 with seventeen colleagues. The intention was to undergo industrial training for 8 weeks, having received acceptance, which was a success. The farm is a Quarantine center which gave chance to know of the superior dairy, pig and chicken breeds that are yet to be distributed throughout the country. Such animals are managed to observe their adaptation to the new environment, feed intake, productivity, among many other attributes that are necessary during recommendation to keep them to the dairy farmers. On that note the whole training was centered around the management of such animals including feeding, milking, parasitic control, cleaning of sheds, treatment of the sick animals, helping them during calving down, assistance in removing retained placentas among many other activities. The dairy breeds included the Jersey that produce milk of high butter-fat content, Ayrshire that produce large amounts of milk, Guernsey and brown Swiss. The pigs included large white and landrace whereas the chicken include Kuroiler and Rainbow that are fast-growing, highly adaptable to new environment, among others. The management activities in the poultry section included feeding of birds, collection of eggs, sorting them, setting, hatching, vaccination of chicks, raking of litter, prophylactic treatment, vaccination, provision of clean water adlib, grading and selling of chicks and eggs, among others. In all that, I learnt a new method of ecto-parasitic control, I appreciated the need for proper sanitation, not only of pens, shades, and equipment used in handling animals but also of those to handle animals to keep away disease and to provide good products fit for human consumption. I faced a few challenges such as walking a long distance to the farm due to lack of accommodation facilities at the farm, lack of a hotel or canteens at the farm yet no food was provided. All in all, the training was a success and we were awarded certificates of participation which improve our CV.



## CHAPTER ONE

### 1.0 INTRODUCTION

NAGRIC&DB, formally ABC was established in 1960 as an artificial breeding centre mainly to offer AI services to dairy farmers. It was turned into a corporate body under the animal Act of 2001. It is one of the statutory semi-autonomous bodies of MAAIF. It has the mandate to spearhead all breeding activities in the country. It is charged with conserving of indigenous breeds such as Ankole cow. It is a government-owned institution under MAAIF with several branches across the country.

### 1.1 BACKGROUND

LES, also known as the Livestock Quarantine Centre is a branch of NAGRIC&DB that ensures that all improved breeds introduced into the country are tried and tested before being supplied to other branches in order to advise farmers accordingly. The farm provides milk, eggs, kuroiler chicks, chicken, improved piglets, manure and pure improved cattle breeds such as Jersey, Ayrshire, among others. The farm works with the National Bull Stud which is responsible for collection, examination and supply of good quality semen from pure line breeds for AI all over the country and across borders.

### 1.2 ADDRESS

National Animal Genetic Resources and Data Bank

P.O BOX 183, ENTEBBE-UGANDA

[nagrc.dbuganda@gmail.com](mailto:nagrc.dbuganda@gmail.com)

Fax: 256-414-349-422

Tel: 256-414-320-831

### 1.3 MISSION

To establish a comprehensive and sustainable National Animal Breeding Programme which meets the commercial and developmental interests of actors along the livestock sub-sector value chains.