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FACULTY OF AGRICULTURE AND ANIMAL SCIENCES (ARAPAI CAMPUS)

**INDUSTRIAL TRAINING CARRIED OUT AT ATLAS LIVESTOCK DAIRY FARM IN
KOBWIN SUBCOUNTY, NGORA DISTRICT**

BY

OSIRE MAXWELL

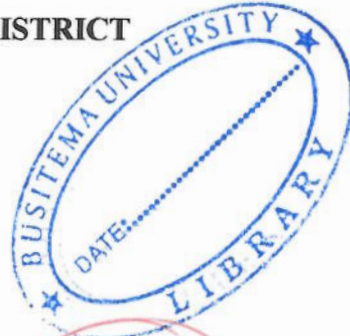
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**INTERNSHIP REPORT SUBMITTED TO THE DEPARTMENT OF AGRIBUSINESS AND
EXTENSION IN PARTIAL FULFILMENT OF THE REQUIREMENT OF THE AWARD
OF DIPLOMA IN ANIMAL PRODUCTION AND MANAGEMENT AT BUSITEMA
UNIVERSITY**

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DECLARATION

I OSIRE MAXWELL declares that all the data, findings and information in this report is my original work compiled during the time scheduled by the University for internship and it has never been submitted to any institution for any award.



**APPROVAL
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Sign.....  Date 18th / 05 / 2022

.....

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ACADEMIC SUPERVISOR

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Date.....



DEDICATION

I dedicate this report to the Heavenly Father who blessed me with the gift of life, health, knowledge, wisdom and understanding and the ability to study. I love to still with at most faith dedicate this report to my beloved parents Mr. Enyogou Robert and Miss. Alamo Francis for their unconditional parental, financial and technical support they have given me throughout my study life. And not forgetting my brothers and sisters and all my friends Dr Itiakorit Julius, Okiror Samuel, Kwapi Emmanuel and my special wife Alupo Grace for their tireless time, advice and courage they have always given me.

ACKNOWLEDGEMENT

I am privileged to extend my pleasure, gratitude and complements to everyone who enabled me go through the internship session smoothly. Particularly I would love to complement Mr. Okello Charles for establishing the farm and giving me the opportunity to carry out my internship training at his farm (Atlas Livestock Dairy Farm). And not forgetting the farm management Dr. Dan Mukiibi the farm supervisor, Dr. Ochom Martin the Head of livestock in Atlas farm and my beloved parents Mr. Enyogou Robert and Miss Alamo Francis for the financial support and the parental care they have always shown me as their son, not forgetting all internees of Busitema University who were doing their internship at Atlas livestock dairy farm and the community of Kobwin sub county outside the farm who were caring, educative and approachable during the times of outreaches.

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LIST OF ABBREVIATION

ALDF: Atlas Livestock Dairy Farm

CBPP: Contagious Bovine Plural Pneumonia

ECF: East Coast Fever

IM: Intramuscular

IV: Intravenous

SC: Subcutaneous

LA Long Acting



LIST OF TABLES

Table 1: Showing diseases and treatment.

Table 2: Showing milk production records.

Table 3: Showing drugs used in poultry.

ABSTRACT

This report contains and describes the activities carried out, trainings carried out, knowledge and skills gained, challenges faced during the industrial training, the conclusion of the report and recommendations derived from the challenges faced at Atlas Livestock Dairy farm. The objective of this industrial training is to make students benefit from the skills and knowledge gained from the field, apply the knowledge they get from theory in classroom lectures to practical and hands on in the field and build confidence of the learners. During internship I was introduced to livestock production in Atlas livestock dairy farm. This was followed by orientation where I was first introduced to the farm management, farm structures, farm sections and equipments and animal species for example cattle, camels, goats, sheep. Cattle breeds such as dairy cattle (Friesians, Guernsey, Jersey, Ayrshire breeds), beef breeds (boran and salwar). And later I was allocated to particular sections in the farm where I carried out the required activities with my group members weekly, under full supervision of the Head of Livestock and the farm supervisor. The sections of allocation include main feeding house where all dairy animals are fed, boran house, milking parlor, isolation rooms 1&2, calf pens 1&2, breeding bull section, goat unit, camel section, spray race and cattle crush, parking yard and the entire compound and I had class room lectures on animal diseases, drugs, treatment. I also carried out activities like spraying, general cleaning, milking, deworming, record keeping, dehorning, docking, ear tagging, pasture establishment, outreach on poultry, outreach on treatment of community animals against trypanosomiasis, castration, meat inspection and market engagement, bucket feeding, silage making among other activities. I was able to learn a lot from the training and I was in position to gain practical skills and knowledge on livestock management, health and marketing of livestock and their products.

During internship, I also faced some challenges that were addressed in the course of the training.

In conclusion all the activities were carried out well and industrial training ended successfully.

1.0 CHAPTER ONE.

1.1 Introduction.

This chapter basically explains the location of the farm, background of the farm, objectives of the organization, farm achievements, mission, vision and the organizational structure of the farm.

1.2 Location of the farm.

Atlas livestock dairy farm is located in Ngora district, Kobwin sub county Kobwin parish, Kobwin Ariyo village and its bordered by villages such as Magamaga village from the East, Ogole village from the north, Tiling village from the west, Akarukei village from the south west and Osungei village from the southern direction. And its approximately 6km from the district headquarters.

1.3 Background of Atlas livestock dairy farm.

The farm started on 28th Aug, 2008 with only 5 acres of land which later expanded to 185 acres today. It was bushy and the community couldn't believe that it be would a giant farm as it exists today. It started with only four (4) Friesian cows and in 2012 the cows produced and became 8 in number in 2013, the number increased even the young ones started producing up to date where the farm has 124 Friesian animals. Cows were producing a number of litters depending on the breed. ie 75% Friesian breed give 13-20 liters per milking. Goats were introduced in 2010 with 40 heads which reproduced and the current figure amounts to 156 heads. Camels were introduced in 2020 which were 13 in number and currently they are 15 heads. The sheep were introduced in 2021 and the were 10 heads and currently they are 36 heads.

The boran animals were introduced on 11th Nov, 2021 and were only 36 in number and currently they are 49 heads. Geese were also introduced in 2021 and they were 10 in number and currently they are still 10 birds.

The farm also has permanent structures which helped to ease handling of animals.