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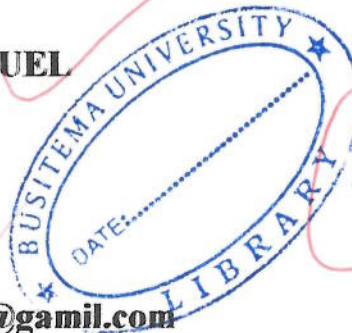
**INDUSTRIAL TRAINING CARRIED OUT AT ATLAS LIVESTOCK DAIRY
FARM IN KOBWIN SUBCOUNTY, NGORA DISTRICT**

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**INTERNSHIP REPORT SUBMITTED TO THE DEPARTMENT OF
AGRIBUSINESS AND EXTENSION IN PARTIAL FILFILMENT OF THE
REQUIREMENT OF THE AWARD OF DEGREE IN AGRIBUSINESS
ATBUSITEMA UNIVERSITY**

MAY 2022

APPROVAL

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ACADEMIC SUPERVISOR

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Date.....

DECLARATION

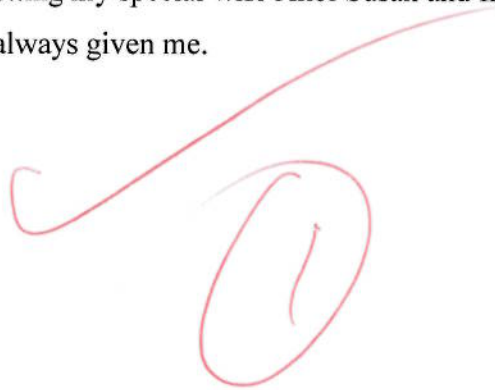
ISamuel Okirorde declares that all the data, findings and information in this report is my original work compiled during the two months industrial training scheduled by the university and it has never been submitted to any institution for any academic award.

A red handwritten signature consisting of a checkmark followed by a stylized 'D' or 'O' shape.

DEDICATION

I dedicate this report to the Almighty Father who blessed me with the gift of life, health, knowledge, wisdom and the ability to study.

I also dedicate this report to my beloved parents Mr. Osire Julius Opolot and Miss. Akurut Naume, sisters and brothers for their financial and technical support they have given methroughout my study life not forgetting my special wife Akol Susan and friends for their tireless time, advise and courage the have always given me.



ACKNOWLEDGEMENT

I am privileged to extend my pleasure and gratitude to everyone who enabled me go through the internship session smoothly. Particularly I would love to appreciate Mr. Okello Charles the Chief Executive Officer 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 livestock in Atlas farm, Dr Arionga and my beloved parents Mr. Osire Julius Opolot and Miss Naume Akurut 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 caring, educative and approachable during the times of outreaches.



TABLE OF CONTENT

DECLARATION.....	i
DEDICATION.....	ii
ACKNOWLEDGEMENT.....	iii
TABLE OF CONTENT.....	iv
LIST OF ABBREVIATION.....	vi
LIST OF TABLE AND FIGURES.....	vii
ABSTRACT.....	viii
1.0 CHAPTER ONE.....	1
1.1 Introduction.....	1
1.2 Objectives of the industrial training.....	1
1.3 Background of Atlas Dairy Farm.....	1
1.3.1 Location and area.....	1
1.4 Visions.....	2
1.5 Mission statement.....	2
1.6 Achievements of Atlas Livestock Dairy Farm.....	2
1.7 Organizational structure and hierarchy.....	2
2.0 CHAPTER TWO.....	4
2.1 Introduction.....	4
2.2 Learning objectives and goals.....	4
2.2.1 Methodology.....	4
2.2.2 Observation.....	5
2.2.3 Recording.....	5
2.2.4 Interviewing.....	6
2.3 Description of the activities carried out.....	6

2.3.1 Orientation.....	6
2.3.2 Hygiene maintenance.....	7
2.3.3 Animal monitoring.....	7
2.3.4 Animal feeding.....	7
2.3.4.1 Bucket feeding.....	8
2.3.5 Animal spraying.....	8
2.3.6 Milking.....	8
2.3.6.1 Milking records.....	9
2.3.7 Castration.....	10
2.3.8 Dehorning.....	11
2.3.9 Animal diseases.....	12
2.3.10 Animal drugs.....	13
2.3.11 Meat inspection.....	14
2.3.12 Silage making.....	14
2.3.13 Outreach.....	17
3.0 CHAPTER THREE IMPACT OF THE ATTACHMENT.....	20
3.0 Benefits of the field attachment.....	20
3.2 Challenges faced at the field.....	20
3.3 Solution to the challenges.....	21
4.0 CHAPTER FOUR: CONCLUSION AND RECOMMENDATION.....	22
4.1 Conclusions.....	22
4.2 Recommendation.....	22
APPENDICES	
Appendices 1 Showing Work plan	
Appendices 2 Showing Figures	



LIST OF ABBREVIATIONS

ALDF Atlas Livestock Dairy Farm

IV Intravenous

IM Intramuscular

CBPP Contagious Bovine Plural Pneumonia

ECF East Coast Fever

DVO District Veterinary Officer

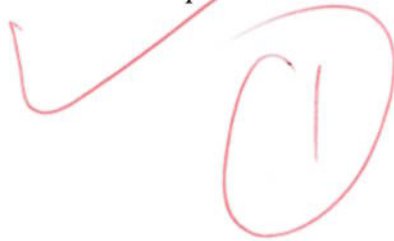
LIST OF FIGURES AND TABLES

Table 1: showing milking records

Figure 2: showing animal drugs used in the field and diseases they treat

Figure 3: Showing animal drugs with their route of administration

Figure 4: showing two month work plan



ABSTRACT

This report contains and describes the activities carried out, training, knowledge and skills gained, challenges faced during the industrial training, the conclusion of the report and recommendations derived for the challenges faced at Atlas Livestock Dairy farm in Kobwin sub county in Ngora district. The objective of this industrial training is to make students benefit from the skills and knowledge gained from the fields, apply the knowledge got from theory in classroom lectures to practical, hands on in the field and build confidence of the learners.

During my internship, I was introduced to Atlas livestock dairy farm consisting of livestock production both dairy and beef, crop production and marketing of farm products such as milk, matooke, goats and cattle. 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 kept at Atlas livestock dairy farm include the dairy cattle (Friesians, Guernsey, Jersey, Ayrshire breeds), beef breeds (boran and siahwal), goat breeds include the Boer goats and the small east African local goats and the local sheep breed. And later I was allocated to different animal sections in the farm for the period of three days in each section before being allocated to another area where I carried out the daily animal management activities with my group members, 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.

I had class room lectures on animal diseases, drugs, treatment (routes of administration) with Dr Arionga the DVO of Nakapiripirit District and Dr Ochom Martin. The major activities I carried out include; animal treatment, dehorning of calves, docking on sheep, castration, bucket feeding, milking and milk test, pasture establishment, silage making. We also carried out outreaches to different farmers such as Mr. Aisu Joseph a poultry farmer, Akarukei market and meat inspection knowledge on livestock management, health and marketing of livestock in line with my career and relating with people in the field.

During internship, I also faced some challenges like; poor coordination with the group members, inadequate tools for operation, inefficient transport means for community outreach, poor turn up of the farmers for training and unfavorable climatic conditions such as scorching sunshine,



5

and stormy rains. In conclusion all the activities were carried out well amidst the challenges encountered as some of them were handled during the course of intern session and industrial training ended successfully.

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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 Aciisavillage 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 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 10-15 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 include calf pens, silage house, water points, milking parlor, feeding houses, cattle crush, isolation rooms and so forth which helped to ease handling of animals and carry out other activities like spraying, treatment, milking etc.

