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**AN INDUSTRIAL TRAINING REPORT CARRIED OUT AT ATLAS LIVESTOCK
DAIRY FARM LOCATED IN KOBWIN SUB-COUNTY, KOBWIN PARISH IN NGORA
DISTRICT**

FROM 28TH/FEB/2022 - 24TH/APRIL/2022

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COMPILED BY;

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**SUBMITTED TO THE DEPARTMENT OF AGRIBUSINESS AND EXTENSION IN A
PARTIAL FULFILLMENT FOR THE AWARD OF BACHELOR DEGREE IN ANIMAL
PRODUCTION AND MANAGEMENT**

MAY 2022

DECLARATION

I **KULAKA ALI TARIQ** declare that the information written in this report is mine and the best of my knowledge and it has never been submitted to any institution of higher learning for award of Bachelor in Animal Production and Management.

Signature 

Date 26th / April / 2022



DEDICATION

I dedicate this work to my loving parents, **Mr. Amiri Wamubirigwe** and **Miss. Aisha Nakimuli** and my uncle **Dr. Kulaka Arafat** who have supported me financially during the internship period.



APPROVAL

The industrial training report written by **KULAKA ALI TARIQ** has been under submitted to supervision and now ready to be submitted with due to approval and supervision.

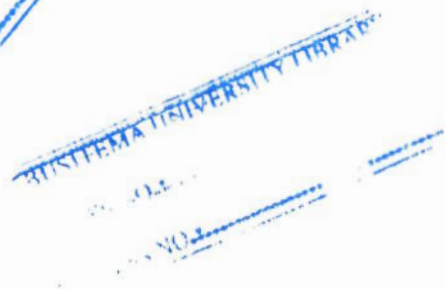
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Academic Supervisor

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ACKNOWLEDGEMENT

I am privileged to appreciate the almighty God for the gift of life, love and grace for making ways possible for me. I profound to express my grate thanks to my uncle Dr. Kulaka Arafat who encouraged me to do a course in the animal production. My thanks go to my parents Dr. Amiri Wamubirigwe and Mrs. Nakimuli Aisha for financing and supporting my education. I acknowledge Dr. Mukibi Daniel and Dr. Ochom Martin for the skills he shared with me during the internship period.

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LIST OF ABBREVIATIONS

BUAC	Busitema University Arapai campus
APM	Bachelor of animal production and management
DAP	Diploma in animal production and management
DCP	Diploma in crop production and management
CGA	Certificate in general agriculture
VET	Veterinary doctor
IT	Industrial training
D.D. A	Dairy Development Authority
N.A.R. O	National Agricultural Research Organisation

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ABSTRACT

The internship training was conducted at Atlas livestock dairy farm in Ngora district for a period of eight weeks from 28th/Feb/ 2022 to 24th/April/2022. The purpose of this training was to equip students with practical skills that are relevant to their respective courses especially in animal production and management. During the ten weeks period many activities were under taken and this included meat inspection, sheep docking, record keeping, castration, dehorning, deworming, spraying, pasture conservation, pasture establishment, feeding of farm animals, poultry outreach, animal health monitoring, disease diagnosis and treatment. Some challenges were encountered during the internship period such as hot weather condition and language barrier. However, it was concluded that the industrial training was successfully carried out. In recommendation therefore the farm should set up a biogas plant and also it should produce some value-added products from its raw milk produced, the farm should purchase more cleaning materials such as spades, scrubbing brush to enable cleaning be done with easy.

CHAPTER ONE; INTRODUCTION



1.1 Background of the farm.

Atlas Livestock Dairy farm was started in 2008 with local cows which were sold and bought to buy four Friesian cows on 28th/August/2008 by Mr.Okello Charles to facilitate his dream of establishing a farm. The cows purchased reproduced and multiplied in numbers, currently there 124 Friesian animals. In 2013, more breeds were introduced on the farm such as Sahiwal, Guernsey, and Jersey which increased later.

In 2020, 13 camels were introduced at the farm to aid in transport and learning purposes. In 2021, 10 heads of sheep were introduced on the farm and currently there 26 heads of sheep. In 2021, 10 geese were introduced and these are currently still 10. On 11th/11/2021 36 heads of Boran cattle were introduced on the farm and these are currently 49 heads. The farm currently has 10 geese, 4 dogs (Boerboel and German shepherds), 15 camels, 192 small ruminants, 124 Friesians and 49 Borans.

Male calves (bulls) are often sold to fetch some income to the farm and a few breeds mostly Friesian are retained for breeding purposes. The female animals produce different numbers of liters depending on the management i.e. feeding, disease and parasite control measures put. 75 % Friesians produce 15.0 litres; Guernsey and jersey produce 10-15 liters; Sahiwal produce 5-10 litres per day depending on the feeding habit of the cows.

During wet season, the farm produces more milk because there is abundant pasture and the weather conditions are cool other than in dry weather period when the farm produces less milk due to reduced pasture and the hot environmental conditions that could cause stress to the cows.

The farm employs most of the community people and much land has been acquired to support the farm operations and establishment of farm buildings and enhancement of expansion of the farm. The farm employs both skilled and semi-skilled labor to improve the community's standards of living.

1.2 Location of the farm

Atlas Dairy farm is found in Teso sub region, Ngora district in Kobwin sub- county Kobwin parish. The farm is currently covering 185 acres.