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## BUSITEMA UNIVERSITY ARAPAI CAMPUS

**INDUSTRIAL TRAINING REPORT CARRIED OUT AT DUTCH FARM LOCATED IN  
KILULU B ZONE, NABWEYA PARISH, NAMANYONYI SUB-COUNTY,  
BUNGOKHO COUNTY, MBALE DISTRICT.**

### COMPLIED BY

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**PROGRAM: BACHELORS OF SCIENCE IN ANIMAL PRODUCTION AND  
MANAGEMENT**

**A REPORT SUBMITTED TO THE DEPARTMENT OF AGRIBUSINESS AND  
EXTENSION IN REQUIREMENT FOR THE PARTIAL FULLFILMENT OF THE  
AWARD OF A BACHELORS DEGREE IN ANIMAL PRODUCTION AND  
MANAGEMENT OF BUSITEMA UNIVERSITY.**



DECLARATION

I Gimei Isaac declare that this report is my original compilation and has never been submitted to any other institution for the award of any academic document.

Signature..... *G. Isaac*

Date ..... *10<sup>th</sup> / 09 / 2019*

This report has been approved by;

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Signature..... *[Signature]*

Name..... *Jeroen Bluyf*

Date..... *06/09/2019*



Academic supervisor

Signature..... *[Signature]*

Name..... *BUSDU MARK*

Date..... *06/09/2019*



## DEDICATION

I dedicate this report to my beloved parents: Mr.Mulembwa Sam, and Mrs. Nakayenze Olive, together with my beloved brother wogonda saul without forgetting my beloved sister Nakombe connie, and Muduwa Bena.

This lovely dedication also goes to beloved friends and colleagues: Walimbwa Kenneth, Wanda Gabriel and Bwayo Ronny and to all my class mates not forgetting the staff of "Dutch farm" Jeroen Bluys, Attai Perpetua, and Mulo Francis, including the workers at Dutch farm Ewiyu Juliu, Opio Samuel and Olobo Abel.



## ACKNOWLEDGEMENT

I would like to acknowledge the management of Dutch farm for accepting me to carry out my internship from their farm. My sincere thanks specially goes to Mr. Mulo Francis, my field supervisor who tirelessly worked with me during the training by guiding, encouraging and supervising.

I also thank the bosses of Dutch farm for their hospitality: Mr. Jeroen Bluys, and Mrs. Bluys-Attai perpetua for accepting me at their farm just like their own son

I also thank my school supervisor Mr. Buddu and the entire administration of "BUAC" for their support and encouragement during my studies and internship.



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## LIST OF ABBREVIATIONS

BUAC ..... Busitema university Arapai campus.

FM ..... Farm manager.

DDA ..... Dairy development authority.

A.I ..... Artificial Insemination.

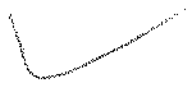
i.e. .... that is to say.

e.g. .... for example.

etc. .... etcetera.

Fig. .... Figure.

N.B. .... Note



LIST OF TABLES AND FIGURES:

Fig1: Showing the organization structure of Dutch farm

Fig2: Shows interns planting Napier grass

Fig3: Shows intern while cutting grass in a machine to make silage

Fig4: Shows the intern when treating the animal against a disease

Fig5: Shows the intern spraying animals

Fig6: Shows the intern packaging yoghurt for marketing

Table1: showing daily activities done on the farm

Table2: showing the work timetable followed daily during my attachment

Table3: showing the feeding time table





## ABSTRACT

Industrial training is a program that exposes the students to exercise their theory learnt at the University into practical knowledge required in the field

During the training at Dutch farm Mbale I was exposed to various activities in the field practically and learnt many things in different sections for example under pasture management I learnt digging, planting Napier grass stems, weeding, cutting of grass from the garden and chopping for animals into small pieces for feeding and also manuring of the pasture garden using cow dung slurry from the bio-gas. In the sales and distribution we were involved in distribution of work to workers and monitoring activities on the farm, monitoring milk record and checking on quality of milk as well as milk sales. In the cow-shed, we involved in cleaning the shed, mixing bio-gas and keeping the area around the farm clean as well as feeding the animals. Under the processing unit we were involved in milking and distribution of milk to customers and processing into cheese or yoghurt and carrying out sales of cheese and yoghurt as well as milk to people in and around town. I also participated a lot in the dairy management practices like dehorning the animals, dehooving of the animals, spraying of the animals to control ticks, Deworming animals to control internal parasites and injection of sick animals with various drugs like penicillin and Baclean among others

However the training had some challenges which affected the process of working for example inadequate tools to use on the farm, not following the designed time table for the training program, poor working and time management

The training was successfully carried out though we faced some challenges; therefore I recommend the management of Dutch farm Mbale should purchase enough tools to use on the farm.

## CHAPTER ONE

### 1.0 INTRODUCTION

Industrial training is a program that exposes the students to exercise their theory learnt at the University into practical knowledge required in the field. It started on 20<sup>th</sup> /05/2019 to 26<sup>th</sup>/07/2019. During this period I was working with Dutch farm mbale, which was established to keep good dairy cows and use improved methods in order to produce quality milk and products so as to satisfy the needs of the community and around the country at large.

### 1.1 LOCATION OF DUTCH FARM MBALE

The farm is located on an eleven acre piece of land in KILULU "B" village, Nabweya parish, Namanyonyi Sub County, Bungokho County in Mbale district.

### 1.2 BACK GROUND OF DUTCH FARM MBALE

Dutch farm is a joint venture dairy business which was established in 1996 under the ownership of **Jeroen bluy**s and **Atai Perpetua bluy**s.

Since the start in 1996, the farm has made great improvements. Starting with 2.5 acres and two (2) cows, the farm has expanded to 11 acres and it has currently 11 dairy cows and 6 heifers. On the average one acre of land is estimated to feed one cow and so the numbers of dairy animals are restricted on the farm. Also bulls born on the farm are sold after two weeks because artificial insemination is used.

Starting in 1998, with a basic water system and building structures for the cows, the farm has put in place development programs and over the years, the following programs have been made:

- A barn has been constructed, containing ample space for the cows, complete with head catchers for regulating feeding, separate milking place, and separate places for calves and young stock.
- Improved water systems, operating on solar panels and a submersible pump. Water for the animals is always available. It also makes it very easy to clean the barn.
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