



**BUSITEMA
UNIVERSITY**
Pursuing Excellence

40/60

P.O. Box 236, Tororo, Uganda
Gen +256 - 45 444 8838
Fax +256 - 45 4436517
Email: info@unibustema.ac.ug

www.busitema.ac.ug

INDUSTRIAL TRAINING REPORT CARRIED OUT AT BUSULANI SUB-COUNTY IN
SIRONKO

DISTRICT LOCAL GOVERNMENT

13

FROM 21st MAY TO 27th JULY 2018

BY:

NAME: WODERO IVAN.....

REG NO: BU/UP/2011/984

EMAIL: ivanwodero@gmail.com

COURSE CODE.DAP 1301

A REPORT TO BE SUBMITTED TO THE DEPARTMENT OF AGRIBUSINESS AND
EXTENSION IN PARTIAL FULFILMENT FOR THE AWARD OF A DIPLOMA IN
ANIMAL PRODUCTION AND MANAGEMENT AT
BUSITEMA UNIVERSITY ARAPAI CAMPUS

MAY-JULY 2018

DECLARATION

I WODERO IVAN, declare that this report has not been submitted to any other University or any other higher institution of learning for the award of any certificate.

Signature.....*Ivan Wodero*
Date.....*27/07/2018*



This report has been supervised and is submitted for examination with the approval of the following;

Field Supervisor

MR. WANZUNULA EMMANUEL

Signature.....*Emmanuel Wanzunula* 0782-129077
Date.....*27th/07/2018*

Academic Supervisor

MR. MUSOBA ANDREW

Signature.....*Andrew Musoba*
Date.....*8/08/2018*



①

DEDICATION

With love and humanity, I dedicate this report to my dear parents Mr. Makweta Francis Jere and Mrs. Makweta.N.Phyllis for their tireless efforts and support towards my academic life.

Special dedication to my siblings, Gerald , Sam ,Denis ,Nicholas, Crispus Harriet, Winifred, Caroline ,Eric , Benard, and Joel for being exemplary and therefore motivated me to remain in school to date.

1

ACKNOWLEDGMENT

My acknowledgment is given God who gives all gifts for the gift of good health and strength during my industrial training.

I also acknowledge the efforts of Mr. Wanzunula Emmanuel, Mr. Jigga Alex and the farmers in Busulani S/C with whom I worked during my IT course.

Another acknowledgement goes to my instructors from primary one to date and colleagues in profession for the good mental nourishment.

| | |
|---|------|
| CONTENT | |
| DECLARATION..... | i |
| DEDICATION..... | ii |
| ACKNOWLEDGMENT..... | 3 |
| LIST OF ABBREVIATIONS..... | vii |
| LIST OF TABLES..... | viii |
| ABSTRACT..... | ix |
| CHAPTER ONE..... | 1 |
| 1.0 INTRODUCTION..... | 1 |
| 1.1 BACK GROUND OF BUSULANI S/C..... | 1 |
| 1.2 LOCATION OF BUSULANI S/C..... | 1 |
| 1.3 OBJECTIVES OF BUSULANI S/C..... | 1 |
| 1.4 VISION OF BUSULANI S/C..... | 2 |
| 1.5 GOAL OF BUSULANI S/C..... | 2 |
| 1.6 MISSION OF BUSULANI S/C..... | 2 |
| CHAPTER TWO..... | 3 |
| 2.0 ORIENTATION..... | 3 |
| 2.2.0 IMPORTANCE OF ORIENTATION..... | 3 |
| 2.2.1 IDENTIFICATION OF SOME PESTS AND DISEASES OF COFFEE USING THE PLANTATION AT THE SUB-COUNTY..... | 3 |
| 2.2.2 MONITORING NUSAF III AND OWC ANIMALS..... | 3 |
| 2.2.3 AIMS OF MONITORING..... | 4 |
| 2.2.4 PROCEDURE OF MONITORING..... | 4 |
| 2.3.0 MONITORING FINDINGS..... | 4 |
| 2.3.1 GENERAL DEWORMING OF THE ANIMALS USING LEVAMIZOLE THAT HAD BEEN PROVIDED TO EACH FARMER GROUP BY THE GOVERNMENT..... | 4 |

| | |
|--|----|
| 2.3.2 MATERIALS USED | 5 |
| 2.3.3 PROCEDURE OF DEWORMING | 5 |
| 2.3.4 TREATMENT OF MR WOJEGA ABDUS HEIFER FOLLOWING ITS FAILURE TO CONSVIE ON THREE CONSECUTIVE SERVICES..... | 5 |
| 2.3.5 SOME CAUSES OF CONCEPTION FAILURE | 5 |
| 2.3.6 ROUTE OF DRUG ADMINISTRATION | 6 |
| 2.4.0 MODE OF ACTION OF PENICILLIN AND STREPTOMYCIN | 6 |
| 2.4.1 OUT COMES / RESULTS..... | 6 |
| 2.4.2 VACCINATION OF POULTRY AGAINST NEW CASTLE DISEASE | 7 |
| 2.4.3 SOME CLINICAL SIGNS OF NEW CASTLE..... | 7 |
| 2.4.4 WHY VACCINATION WAS SUCCESSFUL | 7 |
| 2.4.5 LIST OF BENEFICIARIES..... | 7 |
| 2.5.1 VEGETABLE MANAGEMENT | 8 |
| 2.5.2 REASONS FOR GROWING VEGETABLES | 9 |
| 2.5.3 AGRONOMIC PRACTICES THAT WERE CARTIED OUT | 9 |
| 2.5.4 FERTILIZER APPLICATION IN CABBAGES..... | 9 |
| 2.5.5 STAKING OF TOMATOES IN BUMUGOLI VILLAGE..... | 9 |
| 2.5.6 ADVANTAGES OF STAKING. | 9 |
| 2.6.1 MONITORING FARMERS IN BUNAKYILIMA PARISH. TO ESTABLISH A MODEL FARMER..... | 10 |
| 2.6.2 CONDITIONS FOR ONE TO BECOME MODEL FARMER..... | 10 |
| 2.6.3 BENEFITS OF BEING A MODEL FARMER..... | 10 |
| 2.6.4 LIST OF FARMERS IN BUNAKYILIMA PARISH | 11 |
| 2.6.5 FINDINGS FOLLOWING MONITORING | 11 |
| 2.7.0 ESTABLISHMENT OF COFFEE DEMOSTRATION PLOT IN MAKUYU PRIMARY SCHOOL WHICH IS NEAR THE S/C..... | 12 |
| 2.7.1 WHYCOFFEE DEMOSTRATION PLOT WAS IN THE SCHOOL | 12 |
| 2.7.2 EXAMPLES OF COFFEE VARIATIES..... | 12 |
| 2.7.3 PROCEDURE FOLLOWED DURING ESTABLISHING A COFFEE DEMOSTRATION PLOT.. | 13 |
| 2.7.4 TOOLS USED | 13 |
| 2.7.5 POULTRY VACCINATION AND SPRAYING OF ANIMALS IN THE CATTLE CRASH..... | 13 |
| 2.8.0 REASONS FOR SPRAYING THE ANIMALS | 14 |

| | |
|--|----|
| 2.8.1 CHALLENGES | 14 |
| 2.8.2 MORNING DDEG ANIMALS FOR THE FINANCIAL YEAR 2016/2017 | 14 |
| 2.8.3 AIMS FOR THE MONITORING EXERCISE | 14 |
| 2.8.4 SIGNS OF HEAT IN CATTLE | 14 |
| 2.8.5 FACTORS TO CONCEPTION FAILURE FOLLOWING SERVICE | 15 |
| 2.9.0 FIELD OBSERVATION | 15 |
| 2.9.1 HOME VISITS IN BULUZWALA PARISH | 15 |
| 2.9.2 MANURE APPLICATION TO IMPROVE YIELDS OF COFFEE AND BANANAS | 16 |
| 2.9.3 TOOLS USED DURING MANURE APPLICATION | 16 |
| 2.9.4 PROCEDURE OF MANURE APPLICATION USED | 16 |
| 2.9.5 WHY THIS APPROACH OF MANURE APPLICATION | 16 |
| CHAPTER THREE | 17 |
| 3.0 IMPACT OF ATTACHMENT | 17 |
| 3.1.0 SKILLS GAINED | 17 |
| 3.1.1 RESPONSIBILITIES UNDER TAKEN | 17 |
| 3.1.2 FUTURE CAREER PLANS | 17 |
| 3.1.4 CORRELATION OF ATTACHMENT WITH CLASS WORK | 18 |
| CHAPTER FOUR | 19 |
| 4.0 CONCLUSIONS AND RECOMMENDATIONS | 19 |
| 4.4.0 CONCLUSION | 19 |
| 4.2.0 RECOMMENDATIONS | 19 |
| 4.2.1 TO BUSULANI SUB-COUNTY | 19 |
| 4.2.2 TO BUSITEMA UNIVERSITY | 19 |
| APPENDICES | 20 |
| REFERENCES | 23 |
| Calnek R.W (Ed). Poultry diseases | 23 |
| Adams, HR, Ed. Veterinary pharmacology and therapeutics | 23 |
| Where there is NO VET by Bill forse | 23 |

(3)

(1)

LIST OF ABBREVIATIONS

| | |
|-----------|---|
| DDEG | Discretionary decentralization equalization grant |
| NUSAF iii | Northern Uganda Social Action Fund three |
| IT | Industrial training |
| BUAC | Busitema University Arapai Campus |
| Mr. | Mister |
| OWC | Operation Wealthy Creation |
| A.I | Artificial Insemination |
| NIN | National Identification Number |
| S/C | Sub County |
| E.g. | For example |
| AVO | Assistant Veterinary Officer |
| AAO | Assistant Agricultural Officer |
| P/S | Primary School |
| CBFs | Community Based Facilitators |
| FY | Financial Year |
| Mrs. | Mistress |

LIST OF TABLES

Table 1 showing some pests and diseases of coffee

Table 2 showing some NUSAF iii beneficiaries and some animal's data

Table 3 showing lists of 20 selected farmers in Bunakyilima parish

Table 4 showing the work plan of activities carried out during IT

Figure 1

Figure 2



ABSTRACT

My industrial training was carried out from Busulani sub county in sironko district. The activities done included, orientation, monitoring NUSAF III, OWC and DDEG animals, poultry vaccination, cabbage and tomato management, monitoring farmers in bunakyilima parish to get a model farmer and spraying animals against external parasites. Other activities were establishing a coffee demonstration plot in Makuyu primary school and visiting farmers to advise them on good management practices in Buluzwala parish. The major purpose of this IT was to gain skills necessary for my profession and to aid farmers improve on their methods of production. The findings among others included poor management of crops and animals, selling some animals donated by government, being rigid to adopt new agricultural technologies, believing that animals should only be treated when sick and farmers not planting pastures for feeding livestock. In conclusion however the industrial training course registered a number of successes despite a few short comings like moving long distances and weather challenges especially rain.

Finally I would like to make the following recommendations, Busulani Sub County should set up a demonstration plot at the sub county for study purposes and put laws to stop farmers from selling items given to them by the government. Also recommend that the management of Busitema University provide transport means like cars or motorcycles to ease the supervision of IT.

£

CHAPTER ONE

1.0 INTRODUCTION

Industrial training is an academic programme carried out at the end of the first academic year of study where students go to farms, research centers, local governments etc for study purposes

My industrial training was carried out at Busulani S/C in sironko district found in Eastern Uganda on the slopes of mt.elgon

1.1 BACK GROUND OF BUSULANI S/C

Busulani sub-county is a local government organization established by the constitution of Uganda in 1952 at a greater Mbale district at a place called Bugube. In 19967 headquarters were mere transferred to Bumawosa where they are up to date. And it has seven parishes which include Bugube, Bumawosa, Buluzwala, Namweje, Bugimunye, Bunagawoya, and Bunakyilima

1.2 LOCATION OF BUSULANI S/C

Busulani sub county is located along Budadiri Gombe road, P.O.BOX. 34 Sironko, opposite kyagalanyi coffee factory.

1.3 OBJECTIVES OF BUSULANI S/C

- To increase on the social and economic infrastructure
- To increase on the house hold income
- To improve hygiene practices
- To sustain environmental utilization
- To increase participation in development progammes
- To increase social service delivery
- To preserve and conserve cultural values