



**BUSITEMA
UNIVERSITY**
Pursuing Excellence

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

50/60

**FARM AND COMMUNITY PRACTICE CARRIED OUT AT SOROTI DISTRICT
LOCAL GOVERNMENT P.O BOX 61, SOROTI.**

BY

ALEO CAROLINE

BU/UP/2018/1912

BSA 2209

Email: caroaleo123@gmail.com

TEL: +256774539494

342



**A REPORT SUBMITTED TO THE DEPARTMENT OF AGRIBUSSINESS AND
EXTENSION**
**IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR AWARD OF THE
DEGREE OF BACHELOR OF SCIENCE IN AGRICULTURE OF BUSITEMA
UNIVERSITY**

MAY 2022

DECLARATION

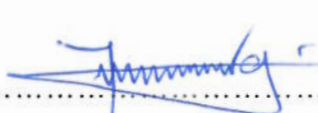
I ALEO CAROLINE hereby declare that the entire work in this report is my own original document and that it has never been submitted to any Institution or University for any academic award and all the attachments are correct to the best of my knowledge. This is my own work after farm and community outreach at Soroti district local government.

Signature.....

Date.....18th / 05 / 2022

Field supervisor.

Name: MR. OKELLO MOSES ECHEKU (DISTRICT AGRICULTURAL OFFICER).

Signature.....

Date.....18th / 5 / 2022



Academic Supervisor.

Name: PROFESSOR OLILA DEO

(Lecturer, Department of Animal Production and Management, Faculty of Agriculture and Animal Sciences, Busitema University)

Signature.....

Date.....

DEDICATION

I dedicate this farm and community practice report to GOD Almighty my creator for the good health, wisdom, knowledge and understanding during the outreach. I also dedicate this work to my husband; Christopher and Sons; Francis and Fabian, my lovely parents, sisters and Brother Samuel for the material and financial support, course mates and the entire production staff of Soroti district local government for the company and knowledge gained.

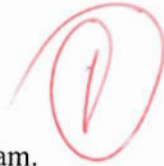


ACKNOWLEDGMENT

I appreciate my lovely sponsor Chris, brother, sisters and parents for the support and encouragement they gave to me in my academic move.

My sincere gratitude goes to the District Agricultural Officer, Soroti and his staff, and the administration of the Busitema University Arapai campus and staff members for guidance, knowledge and skills offered to me in my recess activities and compilation of this report.

LIST OF ABBREVIATIONS



ACDP	Agricultural Cluster Development Program.
AO	Agricultural Officer
AVCDP	Agricultural Value Chain Development Project
BUAC	Busitema university Arapai Campus
DAO	District Agricultural Officer
DISO	District Internal Security Officer
DPO	District Production Officer
EG	For example
GOU	Government of Uganda
I.E	That is To Say
MAAIF	Ministry of Agriculture Animal Industry and Fisheries
NAADS	National Agricultural Advisory Services
NABE	Namulonge beans
NRC	Nile Raid Company
RDC	Residential District Commissioner
RPO	Rural produce organization
SHC	School
WFA	Water for All

Handwritten initials 'H2' circled in red.

TABLE OF CONTENTS

Table of Contents

DECLARATION..... i

DEDICATION..... ii

ACKNOWLEDGMENT iii

LIST OF ABBREVIATIONS iv

LIST OF TABLES AND FIGURES..... vii

ABSTRACT.....viii

CHAPTER ONE 1

1.0 Introduction..... 1

1.1 Background of Soroti district local government. 1

1.1.1 Climate..... 2

1.1.2 Economic activities..... 2

1.1.3 Settlement 2

1.1.4 Population and culture 2

1.2 Projects in agricultural department of Soroti district local government 2

1.3 Objectives of the organization 3

1.4 Objectives of farm and community practice. 3

CHAPTER TWO 5

2.0. DESCRIPTION OF THE ATTACHMENTS..... 5

2.1 Orientation 5

2.2 Attending trainings..... 5

2.3 Farm visits..... 6

2.4 Farmer sensitization 6

2.5 Pests and Diseases diagnosis on citrus and cassava..... 6

2.6 Training farmers..... 9

2.7 Beans seed germination test..... 10

2.8 Inspection of mango, citrus, cashewnut seedlings and cassava cuttings..... 11

CHAPTER THREE 12

3.0. IMPACTS OF ATTACHMENT..... 12

3.1 Skills and qualification gained from farm and community practice. 12

3.2 Responsibilities undertaken during the farm and community practice..... 12

3.3 Influence of the farm and community practice attachment to my future career. 12

3.4 Correlation between attachment activities and classroom knowledge..... 12

3.5. Challenges faced during farm and community practice..... 12

CHAPTER FOUR..... 13

4.0. CONCLUSION AND RECOMMENDATIONS..... 13

4.1 CONCLUSION..... 13

4.2. RECOMMENDATION..... 13

4.2.1	Recommendation to the university.....	13
4.2.2	Recommendation to the district.....	13
APPENDICES.....		14
APPENDIX 1 WORK PLAN.....		14
APPENDIX 2: FIELD PHOTOS.....		19
REFERENCES.....		21

LIST OF TABLES AND FIGURES



TABLES

Table 1 Some annual crops with recommended spacing, pests, diseases and management 10
 Table 2 WORK PLAN FOR INDUSTRIAL TRAINING CARRIED OUT 28TH/FEBRUARY-
 28TH/AUGUST/2022 IN SOROTI DISTRICT LOCAL GOVERNMENT 14

FIGURES

Figure 1 Organizational structure of Production Department of Soroti District local
 government 4
 Figure 2 shows citrus fruits affected by citrus canker 7
 Figure 3 shows citrus plants affected by powdery mildew. 8
 Figure 4; shows citrus fruits affected by citrus scab. 8
 Figure 5 shows cassava mosaic affected in field fields visited. 9
 Figure 6 shows cassava blight affected plant Plant in one of the farmers' fields visited 9
 Figure 7 shows brown streak affected plants in one fields visited 9
 Figure 8 farmers attending training on crop. Figure 9 Aleo and AO sensitizing farmers on
 Agronomy by Aleo soil testing 19
 Figure 10 and Figure 11 witnessing delivery of beans seedlings 19
 Figure 12 and Figure 13 shows DAO AND interns at Opiyai A small scale irrigation scheme 20
 Figure 14 Aleo counting seeds that germinated 20
 Figure 15 Aleo inspecting mango 20

ABSTRACT

Farm and community practice (BSA 2209) is one of the examinable modules done in Busitema University, Faculty of agriculture for the period of 8 weeks by students' pursuing Bachelor of Science in Agriculture. It exposes the student to the farmers in which he or she learns from it and also the farmers learn from the student, gives the students a hands-on experience in farm and community practice and farming in general by giving them opportunity to stay in the community during the outreach period. The 8 weeks farm and community practice was carried out at Soroti district local government where I got exposure in fields such as crop production, community based services and administration. Participatory discussions, Demonstration methods and observation were methods used to obtain information from the farmers during farm and community practice attachment such as crop spacing, disease symptoms, and pest infestation. Various tools were used which include; flip charts, markers, training manuals and others. Various activities were carried out such as orientation, mobilization, parasites and disease identification, training, seed germination testing, watering of the planted seeds, seedlings inspection, office work and others. I acquired skills such as agricultural routine activities, identification of problems in farm and community concerning production, talking to farmers, identification of different mango, citrus, groundnuts, maize, cassava and beans varieties, use of agrochemicals, disease diagnosis and so on. Some challenges were also encountered in the course of farm and community practice such as transport and inadequate farm tools. However, some Recommendations were highlighted to the university and the district to mitigate the challenges encountered such as purchase of more farm tools to allow students carry practical activities in time, need for timely preparation of the time table to enable students complete their activities in time. The work plan of farm and community practice, List of References, field photos are attached at the end of the report. In conclusion, farm and community practice was very useful to me because I was able to obtain practical skills such as talking to farmers, differentiating varieties which skills will improve agricultural production.

CHAPTER ONE

4

1.0 Introduction

Farm and community practice (BSA 2209) is one of the examinable modules that is done in Busitema University, Faculty of agriculture for the period of 8 weeks by students' pursuing Bachelor of Science in agriculture. It exposes the student to the farmers in which he or she learns from it and also the farmers learn from the student, gives the students a hands-on experience in farm and community practice and farming in general by giving them opportunity to stay in the community during the recess term. The 8 weeks farm and community practice was carried out at Soroti district local government where I got exposure in fields such as crop production, community based services and administration.

1.1 Background of Soroti district local government.

Soroti district is located in Eastern Uganda bordered by the districts of Serere, Ngora, Amuria, Katakwi and Kalaki. The district covers approximately a total land area of 2,662.5 km of which 2,256 km is land and 406 km is water and is located approximately at latitudes $1^{\circ} 33'$ and $2^{\circ} 23'$ North of equator, $30^{\circ} 01'$ and $34^{\circ} 18'$ degrees East of the prime Meridian in the Eastern part of Uganda and over 2500 feet above with dotted lake Kyoga rocks throughout most of it. The district now has three counties that is to say: Gweri, Soroti and Dakabela with eleven (11) sub-counties which include; Tubur, Katine, Kamuda, Arapai, Gweri, Awaliwal, Asuret, Aukot, Ocokican, Lalle, Oculoi and one (1) town council which is called Tubur town council. The District is being headed by the Chairperson LC V politically and administered by the Chief Administrative officer technically. Soroti district is government aided organisation with different sectors under which production sector constitutes of different sectors namely: agricultural department, fisheries department, entomology department and veterinary department. Production sector has mandates that include: (1) Transformation of farming systems from subsistence to commercial agricultural production level. (2) To guide the local government in agriculture planning and development. (3) To deliver quality assurance, monitoring standard inspections and regulations in the sector to ensure a productive, healthy farming community.