

49  
-----  
60

**INDUSTRIAL TRAINING REPORT CARRIED OUT AT KAWACOM.U.LTD,  
KAPCHORWA**

**DISRICT FROM 20<sup>TH</sup>/MAY/2019 TO 26<sup>TH</sup>/JULY/2019**

**COMPILED BY**

**CHEMUTAI GLORIA**



**BU/UP/2018/3177**

**1800403177**

**gloriachemutai900@gmail.com**

**0773969827 / 0706581977**

**DCP 1208**

**2019**

**A REPORT TO BE SUBMITTED TO BUSITEMA UNIVERSITY ARAPAI CAMPUS,  
FACULTY OF AGRICULTURE AND ANIMAL SCIENCES, DEPARTMENT OF AGRI-  
BUSINESS AND EXTENSION IN PARTIAL FULFILMENT FOR AN AWARD OF  
DIPLOMA IN CROP PRODUCTION AND MANAGEMENT**

**DATE OF SUBMISSION**


.....

APPROVAL

This report has been prepared and submitted under the supervision and approval of my field and university supervisors

FIELD SUPERVISOR

NAME: MWANGA EMMANUEL TOM

SIGN: 

UNIVERSITY SUPERVISOR


NAME: Dr. Matovu Henry

SIGN:  28/8/2019



**DECLARATION.**

I Chemutai Gloria declare that the information given in this report is true and out of my own efforts and has never been submitted to any institution by any student for the award of Diploma in crop production and management in any university or higher institution of learning

DATE... 09/09/2019 ..... SIGN...  .....

D

**DEDICATION.**

I Chemutai Gloria with great pleasure dedicate this report to my mother NEKESA CATHERINE and my lovely sister CHEROP LYN.

D

**ACKNOWLEDGEMENT.**

I thank God who enabled me complete my industrial training and producing this report in good health

With great joy I would like to appreciate my field supervisor Mr. Mwanga Emmanuel Tom and my university supervisor ..... for the technical guidance during my industrial training

I also appreciate the administration of kawacom. U.ltd for allowing me carry out my training in their organization, most especially my field supervisor Mwanga Emmanuel tom, my field officer Migut Hebrew and project manager Oryem Daniel

I would to appreciate my parents for the financial and social support offer to me in my studies

In special way I would thank the administration of BUAC; head of department Agribusiness and Extension and the management of kawacom.u.ltd for supporting and enabling me acquire knowledge and skills in crop production.

D

## TABLE OF CONTENTS

### Contents

DECLARATION.....	i
APPROVAL.....	ii
DEDICATION.....	iii
ACKNOWLEDGEMENT.....	iv
TABLE OF CONTENTS.....	v
LIST OF ABBREVIATIONS.....	vii
LIST OF TABLES.....	viii
ABSTRACT.....	ix
CHAPTER ONE.....	1
Introduction to industrial training.....	1
1.2 Back ground of the firm.....	1
1.2.1 Objectives of kawacom Uganda limited.....	2
1.2.2 Goal.....	2
1.2.3 Mission.....	2
1.3 Location.....	3
1.4 Community.....	3
1.5 Marketing.....	3
1.6.0 Physical conditions (climate).....	3
1.6.1 Vegetation.....	3
1.7 Agricultural systems.....	4
1.8 Conservation measures.....	4
1.9 Soils.....	4
CHAPTER TWO.....	5
Orientation.....	5
Soil and water conservation.....	6
BANANA.....	7
Soil sampling and testing.....	12
Biogas.....	13
Coffee agronomy.....	13
Farm visits.....	14
Student's project.....	14

CHAPTER THREE .....	16
IMPACT OF ATTACHMENT .....	16
Challenges faced during field attachment .....	16
Skills gained during attachment .....	16
How the activities will influence my future career .....	17
CHAPTER FOUR .....	18
CONCLUSION .....	18
RECOMMENDATION .....	18
APENDICES .....	19

## **LIST OF ABBREVIATIONS**

- BUAC** Busitema university arapai campus
- DCP** Diploma in crop production and management
- Ics** Internal control systems
- RFA** Rainforest alliance
- SAN** Sustainable agricultural network
- WCR** World coffee Research
- GL** Growers list
- UCDA** Uganda coffee development authority
- GAPs** Good agricultural practices
- TEL NO** Telephone number
- E.g.** for example
- I.e.** that is to say
- Café** coffee and farmers equity
- 4C** common code for coffee communities
- UTZ** good inside
- CSA** climate smart agriculture
- ECOM** Estein companies
- SMS** sustainable management systems
- FAQ** fair average quality



## LIST OF TABLES.

**Fig1;**My photo when I was carrying out land preparation for my students project.

**Fig 2;**My photo when I was planting vegetables for my students project.

**Fig 3;**My photo when I had gone for a farm visit to a demo farmer.

**Fig 4;**My photo when I was studying horticulture and organic farming.

**Fig 5;**My photo when I was advising a farmer on good agricultural practices during inspection

**Fig 6;**Figure showing zigzag method used during soil sampling.

**Fig 7;**Figure showing systematic method used during soil sampling.

D

## **ABSTRACT**

The report was written after industrial training at kawacom.u,ltd sipi project. The training took two month and two weeks from 20<sup>th</sup> may to 26<sup>th</sup>July 2019

The major activities were inspection and certification, soil and water conservation, diversification, soil sampling and testing, biogas and coffee agronomy, farm visits, student projects, horticulture and organic farming and trainings

This report has four chapters, chapter one covers introduction to industrial to industrial training, location of kawacom.u.ltd sipi project, historical background of kawacom.u.ltd sipi project, present mandate and methodology used in data collection

Chapter two describes the activities done during the industrial training period in different sections of standards and certification requirements ie farm inspections, soil sampling and testing, soil and water conservation, diversification, biogas, farm visits , student's project and trainings

Chapter three covers challenges faced during attachment, skills gained and how industrial training influences my future career

Chapter four covers conclusions and recommendation



## CHAPTER ONE



### **Introduction to industrial training**

Case study was carried out at kawacom Uganda limited located in Tulolwo village ,kabore parish chema sub county Kapchorwa district in eastern Uganda.

Kawacom is a semi-autonomous private agro industrial company ,a subsidiary organization under the mother umbrella of ECOM trading based in switzerland with several sustainable management systems(sms) run throughout Africa ,Asia and Latin America, its operates in line with policy guidance of Uganda coffee development authority(UCDA)

The company is composed of chema wet mill and offices as the main station, Sipi ,kaserem,kamoko,kibanda,kaproron,masira and tegeres as the main sub stations. Kawacom spear heads in the processing of certified Arabica coffee and exporter of green beans to Europe ,America japan and Asia, all this is done with support from the Uganda coffee development authority ,Uganda coffee board and ministry of agriculture animal and fisheries ,the sipi kawacom project comprises of districts Bukwo, Kween, Kapchorwa, Bulambuli and Sironko.

The major beneficiaries of Kawacom are the producer farmers' at large, workers and the students.

### **1.2 Back ground of the firm**

This firm started as a small coffee processing unit under Uganda coffee development authority in 2000 as part of the unit in eastern Uganda to decentralize research on Arabica coffee, import inputs to local farmers and export the processed coffee under the division of ministry of Agriculture. Before funding where received from other support organizations both local and internationally it was getting capital from sale of its products, later international bodies like Taylors of Harrogate international, the Dutch aid and Irish international joined hands in 2009 with kawacom, it was later in 2015 that SOLIDARIDAD came to work with kawacom, majoring research on bananas and coffee production. All products where based on certifications from UTZ certified and Halal control .It became operational in July 2003 majorly based in the eastern part of Uganda where the production of Arabica coffee was high, in 2005, it opened a wet mill in Sipi