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FACULTY OF AGRICULTURE AND ANIMAL SCIENCE.

A REPORT OF INDUSTRIAL TRAINING CARRIED OUT

AT

NATIONAL COFFEE RESEARCH INSTITUTE (NaCoRI)

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AGRIBUSINESS AND EXTENSION

IN PARTIAL FULFILLMENT OF THE AWARD OF A DIPLOMA IN

CROP PRODUCTION AND MANAGEMENT.

SEPTEMBER 2016



DECLARATION

I **KASULE JUMA (BU/UP/2015/866)** declare that this report is entirely work of my hands, it has never received any academic credit from any institution

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DEDICATION

To my beloved sponsor Hajji Is-haq Lukenge, my beloved Aunt late Sarah Natabbi, My Beloved mother late Nansubuga Zamdah, my child Nanonno Sharifah, my beloved Aunt Nanfuka Mayimuna, My beloved sister Nakitto Sophia, all my friends, all my family members, my beloved lectures and all staff members of NaCORI for their cause to educate me .My Allah Grant them Everlasting rewards....Amen

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LIST OF ABBREVIATION

NaCORI.....	National Coffee Research Institute
BUACA.....	Busitema University Arapai Campus
UCDA.....	Uganda Coffee Development Authority
NAADS.....	National Agricultural Advisory Services
I.T.....	Industrial Training
NGOs.....	Non - Governmental Organizations
NARO.....	National Agriculture Research Organisation
USAID.....	US Agency for International Development
e.g.....	For example
etc.....	And many others
Dr P.C.....	Doctor Pascal Chunga
NCP.....	National Coffee Policy
CViM-P.....	Coffee and Cocoa Variety Improvement and Management program
IPM.....	Integrated Pest Management



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ABSTRACT

Industrial training is a program organized by institutions of high education to link students to different firms and institutions. Students participate in field internships where they get opportunity to apply theory, concepts and techniques in real-life situations, this also strengthens partnerships with stakeholders.

In Busitema University it takes a period of 10 weeks from May to July, to any firm or institution of one's interest. This was done by personally involving in learning, sharing and participating in programs undertaken from NaCORI Coffee and Cocoa Variety Improvement and Management program, Coffee and Cocoa Plant Health Management Program, Coffee and Cocoa Value addition and Agribusiness Program, out of the three programs, I was majorly attached to CViMP. The program is aimed at development of improved varieties of coffee and cocoa by producing high yielding, disease resistant and highly quality varieties, it is also aimed at generating new technologies for managing soil fertility such as agronomy, intercropping and agro-forestry.

In accordance to the time scheduled, I was theoretically and practically attached to coffee and cocoa agronomic practices such nursery bed management practices and activities such as potting, sand bed construction were practically done. Field establishment and management practices such as pruning, mulching, planting, post-harvest handling practices and value addition etc were also done. Due to the daily hands on the tools, practical skills were gained such as mixing pot rooting media, potting, pruning, proper nursery bed management skills, and above all techniques in real-life situations skills were gained such as working with different kinds of people, patience and obedience. Not only skills obtained, but also challenges as usual were encountered such as tiresomeness, disorganization, inadequate research facilities etc

Suitably IT program was conducted peacefully and successfully, however some recommendations are made to NaCORI such as early, timely confirmation and release of working contracts to enable smooth running of crop husbandry practices such as weeding programs. To carry out more socio-economic surveys to continuously evaluate the status of Ugandan coffee and cocoa and to have a workshop with national and international experts to discuss wilt disease with the aim of preparing a research on control and eradication of the disease from the two crops. May they find adequate reward in value obtained from making us what we are now?

CHAPTER ONE

1.0 INTRODUCTION

In order to reap the benefit of high yields and good quality of coffee and cocoa, recommended varieties and good agronomic practices must be employed. These include acquiring good planting materials, employing proper husbandry, ensuring that good pests and disease control measures are undertaken and above all, engaging in coffee and cocoa production as a business. The purpose of this report is to emphasize the findings of various agronomic projects that are carried out from National coffee research Institute (NaCORI) during the year 1996-2016.

1.1 BACKGROUND OF NaCORI

The National Coffee Research Institute (NaCORI) is responsible for coffee research, which is one of the 3 major pillars of the Uganda coffee industry, besides extension and marketing. NaCORI's mandate also includes research on cocoa. The institute evolved over the years from a unit/programme under Kawanda Agricultural Research Institute (KARI) (now National Laboratories Research Institute-NARI) into a semi-autonomous Coffee Research Centre (COREC) in 1996 with the headquarters at Kituuza, Mukono and the mandate of conducting research on coffee, cocoa, oil palm and tea. The Centre was later up-graded into the Coffee Research Institute (CORI) in 2001. Following the enactment of the National Agricultural Research Systems (NARS) Act 2005, CORI was amalgamated with the National Crops Resources Research Institute (NaCRRI) as a Programme handling research on the four crops named above. However, following discontent of coffee stakeholders with the arrangement and constant lobbying for government to undertake reforms, not only in coffee research but the entire coffee industry for better productivity of the commodity, the national coffee policy (NCP) was launched in 2013. This policy provides for the creation of the NaCORI which was subsequently launched in 2014. NaCORI's mandate was accordingly revised to limit it to only coffee and cocoa research

1.2 NaCORI's Vision, Mission, Goal and Mandate

Vision

A competitive coffee and cocoa industry for increased household and national incomes.

Mission

To generate, develop and disseminate technologies, methods and knowledge to enhance productivity and quality of coffee and cocoa in Uganda

Goal

To attain optimum and sustainable production of high quality coffee and cocoa in Uganda