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BUSITEMA UNIVERSITY ARAPAI CAMPUS FACULTY OF AGRICULTURE AND ANIMAL SCIENCES

**A REPORT ON FIELD ATTACHMENT CARRIED OUT AT KAKIRA SUGAR
LIMITED JINJA**

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COURSE NAME: DIPLOMA IN CROP PRODUCTION AND MANAGEMENT

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AND ANIMAL SCIENCES, DEPARTMENT OF AGRIBUSINESS AND EXTENSION IN
PARTIAL FULLFILMENT OF AN AWARD OF A DIPLOMA IN CROP PRODUCTION
AND MANAGEMENT**

PERIOD: 30th MAY – 20th AUGUST 2016

DECLARATION


I AMURON ANNA, declare that the information in this report was collected and compiled by myself and it has not been presented to any institute of higher learning for the award of a Diploma in Crop Production and Management.

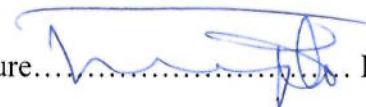
May the Almighty God bless the work done.

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DEDICATION

This booklet is dedicated to my beloved father Oligo Julius and my Mother Akwi Grace for their total commitment and financial support as far as my education is concerned.

May the Almighty God bless and reward them abundantly for bringing me to the existing world.



ACKNOWLEDGEMENT

In the first place, I thank the Almighty for having given me a tremendous and successful opportunity towards my training with Kakira Sugar Limited.

I thank the entire management of Kakira Sugar Limited who enabled me to carry out my field attachment with the company.

I also thank the head of departments, head of sections, the supervisors in their various concentrations in agriculture department for the guidance rendered to me during my field attachment.

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LIST OF ABBREVIATIONS

CTM	-	CHIEF TRAINING MANAGER
IT	-	INDUSTRIAL TRAINING
LTD	-	LIMITED
KSL	-	KAKIRA SUGAR LIMITED
SHE	-	SAFETY, HEALTH AND ENVIRONMENT
T.T.O	-	TECHNICAL TRAINING OFFICER
EG	-	FOR EXAMPLE
BUAC	-	BUSITEMA UNIVERSITY ARAPAI CAMPUS

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ABSTRACT.

This report is for industrial training that I carried out in Kakira sugar Limited which is located in Jinja district 16km from Jinja town along Iganga-Malaba high way in Eastern Uganda. The objective of this training is to expose students to the practice in the field and in the aspect of crop production and disease management. During my attachment in the factory, I was placed in the Agriculture department which had four sections i.e. Nucleus estate, Agronomy, horticulture and dairy which exposed me to the following activities; land preparation, sugar cane planting, fertilizer application, weeding, irrigation, harvesting, sugar cane transportation, sugar cane weighment, juice analysis, sugar cane maturity survey, tiller counting, growing of vegetables, nursery preparation, compost making, spraying, pest and disease identification, lawn management, identification of tools, identification of chemicals, milking, ration mixing of feeds, bucket feeding, drainage maintenance and general cleanliness. With this training I faced various challenges while in the field which included the following; it was tiresome for me to count the internodes of sugar cane during cane weighment, it was hard for me to count the shoots of sugar cane during tiller counting, I faced a challenge of too much sunshine in the field when counting sugar cane, it was also tiresome for me to make a nursery bed and compost manure. However, with the above challenges I managed to complete my industrial training successfully and it was good.

Part of
Research
work.

CHAPTER ONE

1.0 INTRODUCTION

Kakira Sugar Limited is Uganda's leading producer of mill white sugar. It was founded by late Muljibai Prabhudas Madhvani in 1920s as a private family business. It is the flag bearer of the Madhvani Group of companies.

1.1 Background of Kakira Sugar Limited

Madhvani Sugar Estate (now Kakira Sugar Limited) was first established in 1920 with the capacity of crush 150 tones of cane per day. It was wholly and privately owned by late Muljibhai Madhvani Pradhudas who lived from 1899 to 1958. In 1972, the owner left the country due to political upheavals and the assets of Kakira Sugar Limited were expropriated by then Uganda government and eventually run down.

However, under a new government in 1985, a joint venture agreement vested the assets into Kakira Sugar Works (1985) Ltd.

The new company set out to establish a new plant and rehabilitate the sugarcane plantation and other infrastructures at massive cost of over 60million dollars borrowed from the World Bank, African Development Bank and Uganda Development Bank.

Currently KSL is 100% owned by African Holdings Limited and has been expanded in phases to the present capacity which includes a 52MW cogeneration plant feeding 36MW to National grid.

KSL comprises of agricultural land of about 10,000 hectares, a sugarcane plant that processes over 179,172 tones of sugarcane during 2014 to 2015 crop season; and a 52MW power generation plant that supplies 36MW of its surplus power to the national main grid. In addition to sugarcane produced from its estates, KSL also buys sugarcane from about 8,600 outgrowers from their 25,400 hectares of cane. This makes KSL the largest sugar producer in Uganda. About 68% of sugarcane milled in the 2014 to 2015 season was purchased from the outgrower farmers. KSL is socially responsible employer of over 7,500 people or employees.