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FACULTY OF AGRICULTURE AND ANIMAL SCIENCE. (BUAC).

INDUSTRIAL TRAINING REPORT CARRIED OUT AT KAKIRA SUGAR LIMITED.

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PROGRAMM: DIPLOMA IN CROP PRODUCTION

DATE:.....




TO BE SUBMITTED TO DEPARTMENT OF AGRICBUSINESS AND EXTENSION.

21ST MAY 2018 TO 21ST AUGUST 2018

DECLARATION

I'm so grateful to confirm that this information presented in this report is effort of the straggle of my hand and it is for the fulfillment of the award diploma in crop production. And also to the best of my knowledge this report has never submitted for similar award.

Signature..........

Date...22.08.2018.....



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INSTITUTE SUPERVISOR;

Name.....Signature.....Date.....

DEDICATION

I would like to dedicate this report to my lovely father **OWINO ONGANGO JUSTINE GEOFREY** for giving me support throughout my academic struggle , my mother **AWORI TEDDY**, my brother **OWOLLO PETER** for my well stay with him during this training , and all my brothers and sisters . May the almighty **GOD** bless you all abundantly?



ACKNOWLEDGEMENT

I thank the almighty GOD for having favored me throughout this training and presenting it as a success in the struggle of my education.

I extend my sincere gratitude to the company administrators for having given me a chance to train at Kakira Sugar Limited.

My sincere gratitude goes to the Training Manager at Kakira Sugar Limited (KSL), Mr. Mutenyo James for his efforts and consciousness towards all the Trainees at large. He always made sure the trainees had what they deserved at their service in time. I also thank the various supervisors in the Agriculture departments of Dairy farm, nucleus Estate, Agronomy Section and Horticulture for the proper guidance they extended to me during my Industrial Training.

Special thanks go to my fellow trainees from other institutions and collages with whom we shared ideas during this Industrial training.

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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
NPK	-	NITROGEN PHOSPHOROUS AND POTASSIUM
MOP	-	MURATE OF POTASH
DAP	-	DIA-AMMONIUM PHOSPHATE
TSP	-	TRI-SUPER PHOSPHATE
RSD	=	RATOON STUNTING DESEASE



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ABSTRACT

Below are the summaries of the details in my report during my field attachment at kakira sugar limited.

This report covers a period between 21.May to 21 August 2018. In this report, there are four main units covered as follows diary, nuclear estate, agronomy, and horticulture where I actively participated and acquired skills and knowledge.

Under diary activities like milking, bucket feeding, general cleanliness, pasture management and parasite control. Section mainly concerned with Animal production, identification of animal diseases and diagnosis, maintenance of the farm, spraying of animals.

Nucleus estate deals with land preparation, planting of canes, sugar cane up keep fertilizer application, identification of pest and diseases as well as their diagnosis.

In agronomy activities included tiller counting, soil sampling, fertilizer analysis, in the laboratory cane maturity, among others which are mainly carried out in the Laboratory

Horticulture activities include ornamentals, vegetables production, composite making, lawn management and establishment.

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CHAPTER ONE

1.1 INTRODUCTION

Kakira sugar limited is Uganda's leading producer of mill white sugar. It was founded by the late muljibai prabhudas madhvani in 1920s as a private family business. It's the flag bearer of madhvani group of companies

1.2 BACKGROUND OF KAKIRA SUGAR LIMITED

Madhvani sugar estate [now kakira sugar limited] was first established in 1920 with the capacity of crushing 150 tons of cane per day. It was wholly and privately owned by the late muljibhai 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 the Uganda government and eventually ran 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 infrastructure at the massive cost over 60million dollars borrowed from the World Bank, African development Bank and Uganda development Bank.

Currently ksl is 100% owned by East African holding limited and has been expanded in phases to the current capacity which includes a 52mw co-generation.

KSL comprises of agricultural land of about 10,000 hectares, a sugarcane plantation that produce over 179,172 tons of sugarcane during 2014 to 2015 crop season; and a 52mw power generation that supplies 36mw of its surplus power to the national grid. Sugarcane is produced in his estate, and also buys sugarcane from about 6800 Out grower farmers from their 25,400 hectares of cane. This makes it the largest sugarcane producer in Uganda. About 86% of the sugarcane milled in the 2014 to 2015 season was purchased from the Out growers. Ksl is socially responsible employer of over 7,500 people or employee.