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**INDUSTRIAL TRAINING REPORT ABOUT THE FARM-FIELD  
PRACTICES CARRIED OUT AT LUGAZI SUGAR CORPORATION OF  
UGANDA LIMITED (SCOUL) IN BUIKWE DISTRICT**

**FROM 21<sup>ST</sup> MAY 2018 – 27<sup>TH</sup> JULY 2018**

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**COMPILED BY**

**NAME: KETRE DANIEL**

**REG NO: BU/UG/2017/1905**

**A REPORT TO BE SUBMITTED TO THE FACULTY OF AGRICULTURE  
AND ANIMAL SCIENCE, AGRIBUSINESS AND EXTENSION  
DEPARTMENT IN THE PARTIAL FULFILMENT OF THE  
REQUIREMENTS FOR THE AWARD OF A DIPLOMA IN CROP  
PRODUCTION AND MANAGEMENT**



**DECLARATION**

I Ketre Daniel, declare that this is my original report compiled and produced on my effort. Therefore the information contained in this report has never been submitted to any other person or institution of higher learning.

Name of student..... KETRE DANIEL .....

Signature..... [Handwritten Signature] .....

Date..... 22<sup>nd</sup> / 08 / 2018 .....

**APPROVAL**

I accept that this report has been submitted personally after the approval of my field and academic supervisor for assessment purposes as a requirement for the award of a Diploma in crop production and management

**Field supervisor**

Name..... [Handwritten Signature] .....

Signature..... [Handwritten Signature] .....

Date..... 22/8/2018 .....



**Academic supervisor**

Name.....

Signature.....

Date.....



## DEDICATION

I dedicate this work to my parents Mr. Avudu Paul and Mrs. Anite Christine for their parental love and support, brothers and sisters, IT supervisor Mr. ObboVicent and your carbonate and my dear friends that may the Almighty God protect you, grant you good health bless you with a happy life and answer your deepest prayers Amen.





## ACKNOWLEDGEMENT

I would like to express my sincere thanks to SCOUL industrial training manger Mr. Obbo Vincent and your carbonate for accepting me to do my internship with SCOUL Company.

My great thanks also go to BUAC staff for this program to expose me out to transform my theoretic knowledge to field practices.

Not forgetting Lugalambo section staff for their guidance during the training. Section in charge Mr. MUNGUKENDE SUSTENE, field supervisor Lugalambo section Mr. Amaku James, section mechanic and field headmen for your support during the training.

My beloved father and mother for their parental loving and guidance for accepting to pay my tuition even in scarcity for the sake of my future

May the almighty God bless you abundantly.

I also want to give God glory for being mindful on me even when I dint deserve help, he helped me in day to day success though challenges were many he did not let me down, thank you almighty lord.



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## **LIST OF ABBREVIATIONS**

SCOUL – Sugar Corporation of Uganda Limited

BUAC – Busitema University Arapai Campus

DCP – Diploma Crop Production and Management

PC – Planted Crop

RT – Raton Crop

Mr. – Mister

Mrs. - Misses

## **LISTOF TABLES AND FIGURES**

Table 1: showing sugarcane varieties



Table 2: showing operations in upland PC

Table 3: showing operations in upland Raton

Table 4: showing operations in lowland PC

Table 5: showing operation on lowland Raton

Table 6: showing operation on slope PC

Table 7: showing operation on slope Raton

Table 8: showing identified weeds

Table 9: showing work plan



## ABSTRACT

I carried out my industrial training in SCOUL Lugalambo section located along Kampala-Jinja highway in Lugazi Municipality, mabira region in Buikwe District.

The mission of this training was to transform the theories done in class to practical activities and gaining of confidence in the field skills performed

During my industrial training in SCOUL I carried out various management practices in sugarcane cultivation from trash cleaning, 1<sup>st</sup> and 2<sup>nd</sup> ploughing, using a disc plough, harrowing with a disc harrow, ridging with a ridger, planting sugarcane on slope land, upland and lowlands, weed management practices like chemical control, manual and mechanical weed control, intercultivation, with deep tye and chisel plough in Raton crops, 2 and 4 gang disc bending, nutrient management in sugarcane using organic fertilizers, urea, MoP, lime, potassium and phosphorous fertilizers, green manuring with sun hemp and harvesting management practices.

Despite the fact that my internship was successful, there were some challenges and problems like long distances to the field/ work place, bad weather conditions especially rain fall which could beat me in the field and there was no shelter.

In my opinion the company should construct residential areas near the working fields so that workers reach in time at the workplace so as to increase the efficiency of work out put hence increase in production.

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## **CHAPTER ONE**

### **INTRODUCTION**

#### **1.0 Historical background of SCOUL**

SCOUL was established in 1924 by the late Nanji Kalidas Mehta as the Uganda Sugar Factory (USF). It was the 1<sup>st</sup> sugar factory to be established in the whole of East Africa.

It was incorporated in 1934 as a limited liability company for the purposes of producing sugar both for the local and export markets. In 1972, the government of Uganda expropriated all Asians properties in Uganda and hence the owners of SCOUL also left the country. There followed a period of gross mismanagement and replacement of parts and hence a general decline in production.

In 1980 a new Ugandan government invited back the owners of all expropriated assets and the Mehta's came back to reclaim their properties. This time however they formed a joint venture with the government with a view to build a new plant and rehabilitate the sugarcane plantations that had gone to waste. The total cost of rehabilitation was estimated to be in a range of US\$ 86 million. This new venture was named Sugar Corporation of Uganda limited with the Mehta owning 76% and Ugandan government 24%. In 2009, the Mehta family bought 245 government shares thus taking over the sole ownership of the entire company.

#### **1.1 Location of SCOUL**

SCOUL is located 45km East of Kampala and 35km West of Jinja on Kampala- Jinja highway in Lugazi Municipality, Buikwe district Lugazi central Division Kabowa ward. The factory is on plot 14 factory road and the sugarcane gardens are in districts of Buikwe, Mukono and Kayunga. Postal address P.O.Box 1, Lugazi, Uganda

Email: [scoul@mehtagroup.com](mailto:scoul@mehtagroup.com)

#### **1.3 Objectives for the establishment of SCOUL**

- To increase sugar production in the country and for export
- As a training center for students and farmers
- To provide extension services to farmers