



BUSITEMA UNIVERSITY

FACULTY OF NATURAL RESOURCES AND ENVIRONMENTAL SCIENCES

DEPARTMENT OF NATURAL RESOURCE ECONOMICS

**ANALYSIS OF THE CONTRIBUTIONS OF SUNFLOWER OILSEEDS TO THE
LIVELIHOOD OF OUTGROWERS OF MUKWANO OIL SEEDS COMPANY IN
NGETTA SUB-COUNTY LIRA DISTRICT**

BY

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**A RESEARCH REPORT SUBMITTED TO THE FACULTY OF NATURAL
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THE REQUIREMENT FOR THE AWARD OF A DEGREE IN BACHELORS OF
SCIENCE IN NATURAL RESOURCE ECONOMICS OF BUSITEMA UNIVERSITY.**

JUNE 2019

DECLARATION

I **OKOT JACOB**, declare that this research report submitted to the faculty of Natural Resources and Environmental Sciences is my original work and to the best of my knowledge, it has not been submitted by any other person to any institution for any academic qualification.

Signature.....

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APPROVAL

I hereby certify that this research report Titled "**Contribution of sunflower oilseeds to the livelihood of the Outgrowers of Mukwano Oil Seeds Company Lira district**" is the original work of **OKOT JACOB** done under my supervision and is ready to be submitted to the Faculty of Natural Resources and Environmental Sciences Busitema University.

Signature



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Date:

27th June 2019
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DEDICATION

I would like to dedicate this work to my supervisor Mr. Kisu-Kisira for all the contributions made in my life. Furthermore, with deep sorrow to my dear dad the late Wilson Onek Lubwoo Kidii and my lovely Mum Acii Margret Onek for bringing me up as a disciplined child, my uncle Mr. Kinyera Simon for the unending and kind financial support to me all along in the University God bless you and your family members abundantly for your altruistic contribution.

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LIST OF ACRONYMS/ABBREVIATION

IFAD	International Fund for Agricultural Development
FAO	Food and Agriculture Organization of the United Nations
UOSPA	Uganda Oil Seeds Producers and Processors Association
PMA	Plan for the Modernization of Agriculture
MAAIF	Ministry of Agriculture Animal Industry and Fisheries
OPVs	Open-pollinated variety (sunflower)
VODP	Vegetable Oil Development Project
NARO	National Agricultural Research Organization
NAADS	National Agricultural Advisory Services
NGO	Non-Governmental Organization
USAID	United States Agency for International Development
OSSUP	Oilseed Subsector Platform
SDG	Sustainable Development Goal
GoU	Government of Uganda
IAS	Impact assessment study
UN	United Nations
URT	United Republic of Tanzania
ZALF	Leibniz - Zentrum für Agrarlandschaftsforschung
NASS	National Agriculture Statistics Service
CEJA	European Council of Young Farmers

TABLE OF CONTENTS

DECLARATION	ii
APPROVAL	iii
DEDICATION	iv
ACKNOWLEDGEMENT	v
LIST OF ACRONYMS/ABBREVIATION	vi
TABLE OF CONTENTS.....	vii
LIST OF FIGURES	xi
LIST OF TABLES.....	xii
ABSTRACT.....	xiii
CHAPTER ONE: INTRODUCTION.....	1
1.0 Introduction.....	1
1.1 Background.....	1
1.2 Problem statement.....	2
1.3 General objective	2
1.3.1 Specific objectives	2
1.4 Research question	2
1.5 The scope of the study	2
1.6 Significant of the study	3
1.7 Justification of the study	3
1.8 Conceptual frameworks	3
CHAPTER TWO: LITERATURE REVIEW.....	5
2.0 Introduction.....	5
2.1 History of sunflower oil seeds growing in Uganda.....	5
2.1.1 Sunflower oil seeds characteristics	5
2.1.2 Global Sunflower production.....	6
2.1.3 Livelihood activities of sunflower oil seeds.....	6
2.1.4 Sunflower production trend	9
2.2 Challenges of sunflower oil seeds growing/production.....	10

2.3 Institutional or organisation support towards sunflower production in Uganda	10
2.4 Measures to sunflower production challenges	11
2.5 Environmental impacts of sunflower production	13
CHAPTER THREE: METHODOLOGY	14
3.1 Introduction	14
3.2 Research design	14
3.3 Research approach	14
3.4 Description of study area	14
3.5 Description of the population	15
3.6 Sampling strategy	15
3.6.1 Sampling size	15
3.6.2 Sampling method	16
3.7 Data collection methods	16
3.7.1 Self-administered questionnaire	16
3.7.2 Observation	16
3.7.3 Key informant interviews	16
3.7.4 Data types	16
3.8 Data quality control	17
3.9 Data analysis	17
3.10 Ethical consideration	17
3.11 Limitation of the study	17
CHAPTER FOUR: FINDINGS	18
4.0 Introduction	18
4.1.0 Demographic information about the respondents	18
4.1.1 Sex of the respondents	18
4.1.2 Age distribution of the respondents	18
4.1.3 Education level of the respondents	19
4.1.4 Relationship between gender and education level of the respondents	20
4.1.4 Relationship between educational level and occupation of the respondent	20
4.1.6 Marital status of the individual	21
4.2.0 Economic activities on sunflower	21
4.2.1 Occupation of the Respondents	21

4.2.2	Quantity of sunflower produced by respondents	22
4.2.3	Price per bag of sunflower response of the respondents	22
4.2.4	Duration of sunflower growing of the respondents.....	23
4.2.5	Major oilseeds crop grown.....	26
4.2.6	Relationship between gender and major oil seed crops grown	26
4.3	Impacts of sunflower oilseed on the livelihood	27
4.3.1	Reasons of the respondents to grow sunflower.....	27
4.3.2	Sunflower improving the livelihood of the respondents.....	27
4.3.3	Relationship between educational level of the respondents and the livelihood.....	28
4.3.4	Relationship between marital status and the livelihood.....	29
4.4	Challenges of growing sunflower oil seeds	30
4.4.1	Problems faced by the respondents.....	30
4.4.2	Problems faced by industry from farmers.....	30
4.4.3	Challenges faced by the respondents after harvesting sunflower oilseeds.....	31
4.4.4	Most difficult challenges to handle in growing sunflower.....	32
4.4.5	Respondent's awareness of the impacts of sunflower growing on the environment in relation to gender.....	32
4.4.6	Sunflower growing impacts on the environment	33
4.5	Interventions/measures to counter problems on increasing sunflower productivity	34
4.5.3	Measures to reduce impacts of sunflower growing on the environment by the respondents.....	34
4.6	Technical persons.....	35
4.6.1	Support rendered to sunflower growers by the organizations.....	35
4.6.2	Measures taken by organizations to address challenges affecting sunflower growers	36
4.6.3	Opinion of the technical persons toward increasing sunflower production of the sunflower growing.	37
CHAPTER FIVE: DISCUSSION OF THE FINDINGS		38
5.0	Introduction.....	38
5.1.0	Gender of the respondents.....	38
5.1.2	Age group of the respondents	38
5.1.3	Education level of the respondents	38
5.2	Sunflower production activities	39
5.2.1	Quantity of sunflower produced	39

5.2.2 Price per bag of sunflower	39
5.2.3 Duration of the respondents in sunflower growing.....	39
5.3 Impacts of sunflower on the livelihood.....	39
5.3.1 Reason of the respondents for growing sunflower.....	39
5.3.2 Livelihood outcome of the respondents	40
5.3.3 Relationship between marital status and livelihood of the respondents.....	40
5.4 Problems facing sunflower growing by the respondents	40
5.4.1 Post harvest problem faced by the respondents	41
5.5 Intervention to improve sunflower growing	41
5.5.1 Intervention to the challenges affecting sunflower growers by the organization	41
5.6 Support rendered to sunflower growers by the organizations.....	42
CHAPTER SIX: CONCLUSION AND RECOMMENDATION	43
6.1 Introduction.....	43
6.2 Conclusion	43
6.3 Recommendation	43
6.4 Areas for further research	43
REFERENCES	44
APPENDIX.....	46
Appendix 1: Introductory letter to the field from the university.....	46
Appendix2: Questionnaire	47
Appendix 3: Key informant interview guide	51

LIST OF FIGURES

Figure 1: Conceptual framework of the study	4
Figure 2: Map of the study area	15
Figure 3: Distribution of respondents by Gender.....	18
Figure 4: show distribution of the respondents by Age	19
Figure 5: Distribution of the respondents by Educational level.....	19
Figure 6: Marital status of the respondents.....	21
Figure 7: Price per bag of sunflower sold by respondents.....	23
Figure 8: Duration of the respondents in sunflower growing	23
Figure 10: A farmer sun drying his sunflower	25
Figure 11: storage of sunflower	25
Figure 9: Sunflower oil seeds hybrid in the garden	25
Figure 12: Improvement of livelihood of the respondents.....	28
Figure 13: Relationship between gender and respondent's awareness to sunflower impacts on the environment.....	33

LIST OF TABLES

Table 1: Relationship between gender and educational level of the respondents	20
Table 2: Relationship between education level and the occupation of the respondents	20
Table 3: Shows the occupation of the respondents	22
Table 4: The quantity of sunflower produced by the respondents	22
Table 5: major oilseed crops ground by the respondents	26
Table 6: Relationship between gender and major oilseeds grown	26
Table 7: Inspiration of the respondents to grow sunflower oilseeds.....	27
Table 8: Relationship between education level and livelihood.....	28
Table 9: Relationship between marital status and livelihood.....	29
Table 10: Problem faced by the respondents	30
Table 11: Show problems faced by industry from farmers.....	31
Table 12: Post harvest challenges faced by respondents	31
Table 13: Most difficult challenges to handle by the respondents.....	32
Table 14: impacts of growing sunflower on the environment	33
Table 15: Intervention/measures to increase sunflower production activities.....	34
Table 16: Measures to reduce sunflower impacts on the environment by the respondents	35
Table 17: Support rendered to sunflower outgrowers by the organizations	36
Table 18: Measures taken by organizations to address challenges affecting sunflower oilseeds growers	36
Table 19: Opinion of technical persons to increase sunflower production for farmers	37

ABSTRACT

The study was conducted on the Sunflower outgrowers in Ngetta Sub County in Lira district. The purpose of the study was an analysis of contributions of sunflower oilseeds to the livelihood of the Outgrowers of Mukawano industry in Lira district. The specific objectives were to; determine the sunflower production activities for the outgrowers, to find out the benefits of sunflower oilseeds to the livelihood of sunflower outgrowers, and establish the challenges faced by sunflower oil seed growers of Mukwano industry.

The study employed a descriptive research design and used both qualitative and quantitative approaches. Primary data was collected using questionnaires, interviews of key technical persons and observations. Secondary data was collected by reviewing IFAD reports, district statistical abstracts, district action plans, journals, and other sources of literature. Data was coded, entered and analyzed using Statistical Packages for Social Sciences (SPSS) version 16.0 to give descriptive statistics inform of frequencies, mean, and mode and inferential statistics done including Chi Square. A total of 80 respondents were interviewed of which 70 respondents were from outgrower community in Ngetta sub county and 10 respondents were technical persons such Mukwano work official and other oil seeds processing organisations and the district environmental officers.

The finding from the study indicates that women dominate sunflower growing activity by 60% compared to 40% for the men. Sunflower growing was seen to be major occupation and source of income. Also the finding indicates sunflower oil seeds production is an important economic activity with a potential of improving livelihood outcome by 83% among sunflower outgrowers. Lack of storage and storage facilities was found to be the major problem whereas low market price and late provision of sunflower seeds to outgrowers were seen as the most difficult challenges to handle by farmers. However, the Mukwano Company Limited and other organizations were seen to extend their support to sunflower growers.

In conclusion, sunflower oilseeds contribute much more to the livelihood of outgrowers of Mukwano Oil Seeds Company. However, most farmers were constrained with high cost of seeds compared to the market price and lack of storage and storage facilities due to limited support rendered affecting the quality of products and profit of the farmers. Therefore, it is recommended that support informs of training on post harvest handling, proper crop management practices be provided to sunflower oil seeds outgrower farmers in Ngetta Sub County.

CHAPTER ONE: INTRODUCTION

1.0 Introduction

This chapter includes the background to the study, problem statement, objectives and research question, the scope, significant and justification of the study, and finally the conceptual framework of the study.

1.1 Background

Sunflower was introduced to Uganda in 1920s. Its production has since increased and is now a major cash crop in East and North Uganda. Sunflower was produced in northern and eastern Uganda as subsistence and commercial crops for eight decades. Oil seeds sector was first built around cotton, flourishing in the 1950s and 1960s when sunflower were also introduced, but declining in the 1970s and 1980s when imported palm oil took the majority of domestic market share. Production in the eastern and northern parts of Uganda was also affected by political instability and rebel activities in the 1980s and 1990s (Vellema et al., 2011).

Since the start of the 2000s, political stability has returned to northern Uganda and major investments have been made by the public and private sector such as the establishment of Mukwano Oil Seed Company and contractual farmers in Lira district in 2001. The resulting growth in the sector led to more service provision to farmers through the private sector, NGOs or government programmes.

Sunflower became a traditional crop grown by most rural farmers for locally processed oil in Lira district. Mukwano Oil Seed Company began sunflower scheme with contractual farmer and outgrowers, aimed at improving the livelihood of the farmers through increasing their income and meeting food needs and thus contributing to poverty reduction (FAO 2013). Today, Lira is the leading producers of sunflower oilseeds in the whole Uganda as farmers massively joined this scheme since it offers ready market, it is easy to cultivate compared to other crops and offer high productivity due to the introduction and supply of hybrid sunflower oilseeds to farmers. Sunflower oil seeds are major livelihood of the local people in Ngetta Sub County, Lira district and now sunflower is widely grown as cash crops in Lira district. However, outgrower farmers

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