

INFLUENCE OF COOPERATIVES ON SMALLHOLDER MAIZE SECTOR
DEVELOPMENT: THE CASE OF NAKALAMA SUBCOUNTY, IGANGA DISTRICT

2.5

LUFAFA SHARON

BU/UP/2017/268

lufafasharon@gmail.com

A RESEARCH DISSERTATION SUBMITTED TO THE DEPARTENT OF
AGRIBUSINESS AND EXTENSION, FACULTY OF AGRICULTURE AND ANIMAL
SCIENCES IN PARTIAL FULFILLMEMNT OF THE REQUIREMENT FOR THE
AWARD OF BACHELORS OF AGRIBUSINESS OF BUSITEMA UNIVERSITY

FEBUARY, 2021.

70%

DECLARATION

I LUFAFA SHARON, registration number BU/UP/2017/268 declare that this is my original work and has not been presented for any award in any university.

Sign:

Date: 15th/02/2021

CLASS No.:

ACCESS NO.: 9AA · 1351

APPROVAL

Name of supervisor DR. KONGAI HELLEN

Helen Kongai

Sign

ACKNOWLEDMENT

This work has been a success because of the help and contribution of many people. I thank all people that have been helpful during my education and research, without them it wouldn't be possible for me to achieve this. I would like to thank my parents Mr. Lufafa Boaz and Mrs. Nakakande Solome for their support financially. I would also like to thank all my lecturers at the university for the joint efforts they provided to ensure that I make it. I extend a sincere gratitude to my research supervisor Dr. Hellen Kongai who guided me in doing in my research, am grateful for your help and support. Above all, I would like to thank God Almighty for giving me the strength and knowledge to accomplish my research successfully.

DEDICATION

This work is dedicated to my beloved parents Mr. and Mrs. Lufafa, from Iganga district for their love and support they have given me, then to my brothers and sisters for their guidance, my supervisor Dr.. HELLEN KONGAI and to my friend Mr. Kasiko Joel.

Table of content

Contents

DECLARATION
APPROVAL i
ACKNOWLEDMENT ii
DEDICATIONiv
Fable of content
List of tablesvii
List of figuresvii
LIST OF ABBREVIATIONSiz
ABSTRACT
CHAPTER ONE
INRODUCTION
1,1 Back ground.
1.2 Importance of Cooperatives
1.3 Operations of Cooperatives
1.4 Problem Statement.
1.5 General objective
1.5.1 specific objectives
1.5.2 Research questions
1.6 significance of the study
1.7 Justification
1.8 Scope of the Study
1.8.1 Content
1.8.2 Geographical
1.8.3 Time frame
3.8.41 imitation of the study

CHARPTER TWO6
LITERATURE REVIEW6
2.0 Introduction
2.1 The effect of Agricultural cooperatives on maize production
2.2 The effects of Agricultural cooperatives on maize market access
2.3 The effects of Belonging to a cooperative to maize farmer's household farm income 8
CHAPTER THREE
RESEARCH METHODOLOGY10
3.0 Introduction10
3.1 Research design
3.2 Research approaches
3.3 Description of the geographical area
3.4 Study population
3.5 Sample size
3.6 Sampling strategies12
3.7 Data collection methods
3.7.1 Primary data collection methods
3.7.2 Secondary data collection tools
3.8 Data quality control
3.9 Measurements
3,10 Data analysis13
CHAPTER FOUR:15
DATA PRESENTATION AND INTERPRETENTION15
4.0 introduction
4.1 DEMOGRAPHICS OF MEMBERS OF KFCS15
4.2 The effects of agricultural cooperatives on maize production
4.3 The effects of agricultural cooperatives on maize market access

4.4 The effects of belonging to a cooperative on maize farmer's household income	22
CHAPTER FIVE; DISCUSSIONS, CONCLUSIONS AND RECOMMENDATIONS	29
5.0 INTRODUCTION	29
5.1 DISCUSSION	29
5.1.1 Demographics	29
5.1.2 the effects of agricultural cooperatives on maize production.	29
5.1.3 Effects of agricultural cooperatives on maize market access	30
5.1.4 Effects of agricultural cooperatives on farmer's household income	30
5.2 CONCLUSIONS	31
5.3 RECOMMENDATIONS	31
5.3.1 reccomendations to be considered by the cooperative and its stakeholders	32
5.3.2 reccommendations to the government and its stake holders	32
5.4 AREAS OF FURTHER STUDY	.,.,.33
REFERENCES	34
APPENDICES	37

List of tables and List of figures

Table 1 showing level of education interms of gender16
Table 2 showing other demographic characteristics
Table 3 showing the model summary of a multipleregression analysis on yield after18
Table 4 showing results of multiple regression analyis on yield after
Table 5 showing increase in yield in relation to gender
Table 6 showing the cost of production
Table 7 showing the model summary of multiple regression analysis of quantity sold21
Table 8 showing results of a multiple regression analysis of quantity sold21
Table 9: showing access to market information in relation to gender
Table 10 showing terms of sale
Table 11 showing help to access market in relation to gender24
Table 12 showing the model summary of the multiple regression of cash income
Table 13 showing the results of multiple regression of cash income
Table 14 showing the influence of KFCS ON THE LEVEL OF INCOME OF ITS
MEMBERS
Table 15 showing the profits of the respondents
Figure 1 (a) showing the map of the study area
Figure 2 showing marital status
Figure 3 A piechart showing losses made during marketing
Figure 4 charging a hargraph of influence of VECS to household income

LIST OF ABBREVIATIONS

RPOs Rural Producer Organizations

ACEs Area Cooperative Enterprises

SACCOs Savings and Credit Cooperative Organizations

SPSS Statistical Package for Social Sciences

KFCSs Kiwemba Farmers' Cooperative Society

Etc. Among others

HHS Household Size

Kgs kilograms

Ushs Uganda shillings

PHH Post Harvest Handling

ABSTRACT

7

The purpose of this study was to find out the influence of agriculture cooperatives to the development of the maize sector, three research questions were answered and these were; What are the effects of agricultural cooperatives on maize production? What are the effects of agricultural cooperatives on maize market access? And the effects of belonging to a cooperative on maize farmer's household income. From the previous research carried out by other researchers, they found out that agriculture cooperatives are vital in the development of the agriculture sector, this research was carried out to get more information about the influence of agriculture cooperatives to the development of the maize sector. A descriptive research design and a mixed research approach were used in this study, the sample size of 73 respondents was determined using Cochran's formula, the respondents were members of KFCS and data collection was done through use of questionnaires and interviewing of key informants and data analysis was done using a regression and descriptive analysis in SPSS. The results of data analysis showed that the agriculture cooperative has helped to improve on the development of the maize sector in terms of yield, access to market and but it has not played a big role in increasing the income of the members and the use of credit to buy members products affects their consuming behavior. It is therefore recommended that the cooperative board members should adopt the payment of its members immediately after sale and the government should sensitize non members about the benefits of joining the cooperatives. Some areas that need further study are; the factors influencing the performance of agriculture cooperatives and the influence of terms of payments to the wellbeing of cooperative members.

CHAPTER ONE

Ex

INRODUCTION

1.1 Back ground

Cooperatives are associations where several people work together towards a common goal of mutual economic benefit (Aman, 2014). Cooperatives are based on the powerful idea that together, a group of people can achieve goals that none of them could achieve alone. (Dogarawa, 2020). An agricultural cooperative, also known as farmer's cooperatives is a cooperative where farmers pool their resources in certain areas of activity and they have their own guiding principles and value concepts, such as self-help, self-responsibility, democracy, equality, equity, solidarity, honesty, openness, social responsibility, and caring for others. (Dejene, 2014). The main categories of agricultural co-operatives are; supply of agricultural inputs, joint production and agricultural marketing. Input supply involves the distribution of seeds and fertilizers to farmers, joint agricultural production cooperatives operate the cooperative on jointly owned agricultural plots and the joint agricultural marketing is where farmers pool resources for processing, packaging, distribution and marketing of a specific agricultural commodity. (Sifa, 2016).

Historically, agricultural cooperatives have played an important role worldwide in providing market access, credit and information to producers. (Francesconi, 2014). Cooperatives are present in all countries and all sectors, like agriculture, food, finance, health care, marketing, insurance and credit. It is estimated that one billion individuals are members of cooperatives worldwide, generating more than 100 million jobs. However, cooperatives are primarily agricultural. For instance In India, more than 50 percent of all cooperatives serve as primary agricultural credit societies, In Kenya, Ethiopia and Egypt, 924 000, 900 000 and 4,000,000 farmers earn income from membership in agricultural cooperatives, respectively(FAO, 2012), Agricultural cooperatives in the world have been used as a way of contributing to poverty reduction among small-holder farmers, especially in rural areas, (Mutambo, 2017).

The co-operative movement in Uganda started in 1913 driven by the urge to fight against the exploitation of the private European and Asian interests, these early cooperatives operated informally until the first cooperatives ordinance was enacted in 1946. (Nannyonjo, 2013) As of February 2020, the cooperative movement in Uganda comprised of 21,346 registered cooperative societies with an estimated 5.6 million members, employing about 16% of

REFERENCES

- Ahmed, M. H., & Mesfin, H. M. (2017). The impact of agricultural cooperatives membership on the wellbeing of smallholder farmers: empirical evidence from eastern Ethiopia. 0–20, https://doi.org/10.1186/s40100-017-0075-z
- Aman, G. R. (2014). SUCCESS AND FAILURE AMONG AGRICULTURAL COOPERATIVES IN TURKEY By. June.
- Bolton, L. (2019a). Economic impact of farming cooperatives in East Africa.
- Bolton, L. (2019b). Economic impact of farming cooperatives in East Africa.
- Bremer, M. (2012). Multiple Linear Regression. 1.
- Daniel, E. (2016). The Usefulness of Qualitative and Quantitative Approaches and Methods in Researching Problem-Solving Ability in Science Education Curriculum. *Journal of Education and Practice*, 7(15), 91–100. https://doi.org/2222-288X
- Day, W. F. (2012). AGRICULTURAL COOPERATIVES: KEY TO FEEDING THE WORLD What is a cooperative ?October.
- Dejene, E. (2014). College Of Business and Economics Department Of Management.

 Assessment of Members Perceptions towards Factors Influencing the Success of

 Cooperatives (A survey of Agricultural Marketing Cooperatives in Becho Woreda) BY:

 COLLEGE OF BUSINESS AND ECONOMICS. June.
- Department of Social Sciences Agricultural Economics and Rural Policy MSc Thesis

 FACTORS AFFECTING MEMBER COMMITMENT IN SMALL-HOLDER FARMER

 AGRICULTURAL COOPERATIVES IN ZAMBIA James Mutambo FACTORS

 AFFECTING MEMBER COMMITMENT IN SMALL-HOLDER FARMER AGRICU.

 (2017).
- Dogarawa, A. B. (2020). Munich Personal RePEc Archive The Role of Cooperative Societies in Economic Development Ahmad Bello, Dogarawa, January 2005.
- Francesconi, G. N. (2014). IMPACT OF AGRICULTURAL COOPERATIVES ON SMALLHOLDERS "TECHNICAL EFFICIENCY: EMPIRICAL EVIDENCE FROM ETHIOPIA by Gashaw Tadesse ABATE * and.
- Hoken, H., & Su, Q. (2015). INSTITUTE OF DEVELOPING ECONOMIES IDE Discussion

- Papers are preliminary materials circulated IDE DISCUSSION PAPER No. 539

 Measuring the Effect of Agricultural Cooperatives on Household Income Using PSMDID: A Case Study of a Rice-Producing Cooperative i. 539.
- Kwapong, N. A., & Korugyendo, P. L. (2010). Revival of agricultural cooperatives in Uganda. 10, 1-6.
- Liu, Y. (2018). Determinants and impacts of marketing channel choice among cooperatives members: Evidence from agricultural cooperative in China. 2058-2018-5227, 37. http://ageconsearch.umn.edu/record/275898
- Ma, W., & Abdulai, A. (2017). The economic impacts of agricultural cooperatives on smallholder farmers in The economic impacts of agricultural cooperatives on smallholder farmers in rural China. September, https://doi.org/10.1002/agr,21522
- Manda, J., Khonje, M. G., Alene, A. D., Tufa, A. H., Abdoulaye, T., Mutenje, M., Setimela, P., & Manyong, V. (2020). Does cooperative membership increase and accelerate agricultural technology adoption? Empirical evidence from Zambia. *Technological Forecasting and Social Change*, 158(March), 120160. https://doi.org/10.1016/j.techfore.2020.120160
- Nannyonjo, J. (2013). Enabling Agricultural Cooperatives through Public Policy and the State The Case of Uganda. May.
- Nassaji, H. (2015). Qualitative and descriptive research: Data type versus data analysis, Language Teaching Research, 19(2), 129–132. https://doi.org/10.1177/1362168815572747
- Population, N., & Profiles, A. S. (2017), National Population and Housing Census 2014 Area Specific Profiles Iganga District. April.
- Profile, G. S. (2012). UGANDA BUREAU OF STATISTICS Agricultural Sector Gender Statistics Profile November 2012. November.
- S., M., B., K., E., K., J., R. S. T., C., S., & W.K, T. (2014). Determinants of Net Savings Deposits held in Savings and Credit Cooperatives (SACCOs) in Uganda. *Journal of Economics and International Finance*, 6(4), 69–79. https://doi.org/10.5897/jeif2013.0563
- Sifa, C. B. (2016), Role of cooperatives in agriculture in Africa. 1–8.

Towera, A. (n.d.). Factors affecting sustainability of Agricultural Cooperatives: Lessons from Malawi A thesis presented in partial fulfillment of the requirements for the degree of Master of AgriCommerce at Massey University, New Zealand.

Union, E., Africa, T. A., & Union, E. (n.d.). MAPPING: KEY FIGURES NATIONAL REPORT: UGANDA ICA-EU PARTNERSHIP.