

**COOPERATIVES AS CHANNEL OF PROMOTING UTILIZATION OF  
COMMON SERVICE FACILITIES AMONG RICE FARMERS  
IN NUEVA ECIJA, PHILIPPINES**

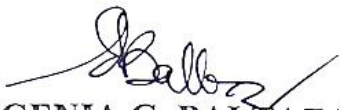
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A master's thesis submitted to the faculty of the College of Agriculture,  
Central Luzon State University, Science City of Munoz,  
Nueva Ecija, Philippines, in partial fulfillment  
of the requirements for the degree

**MASTER OF SCIENCE  
(Rural Development)**

**FEBRUARY 2017**

This master's thesis entitled, **COOPERATIVES AS CHANNEL OF PROMOTING UTILIZATION OF COMMON SERVICE FACILITIES AMONG RICE FARMERS IN NUEVA ECIJA, PHILIPPINES** prepared and submitted by **L.D. HEN TING** in partial fulfillment of the requirements for the degree, **MASTER OF SCIENCE (Rural Development)**, is hereby accepted.



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## ACKNOWLEDGMENT

The researcher would like to thank the Almighty God for the bountiful blessings, aptitude, endurance, determination and guidance throughout the ups and downs of his life. A number of people have assisted him during his research work.

Although it is not possible to mention all, the author wishes to express his gratefulness and deep appreciation to the following people who helped and supported him in the completion of his study:

He feels great pleasure to express his special thanks to his adviser Dr. Pastora S. Coloma, chair of the advisory committee, for her critical and valuable comments, guidance and assistance during the thesis proposal preparation, conduct of the study, analysis and interpretation and writing the manuscript. Her insightful comments did well for the betterment of the whole work;

Dr. Eugenia G. Baltazar, member of the advisory committee, for the brilliant ideas and valuable suggestions in settling the research title and recommendations toward the improvement of this study;

Dr. Fe L. Porciuncula, member of the advisory committee, for her valuable suggestions, recommendations, constructive criticism and pieces of advice towards the completion of this study;

Dr. Ponciano D. Cuaresma, Director of Center for Central Luzon Studies and Dr. Jocelyn L. Aveno, Training Director, for their scholarly suggestions as Examining Committee chair and member, respectively;

Prof. Marcial P. Estolano, for sharing his expertise and precious time during the consultation and statistical analysis of this study;

Special thanks to the participating cooperatives namely: Bagong Buhay ng Mabini Multipurpose Cooperative, Aglipay Producers Cooperative, Talabutab Norte Primary Multipurpose Cooperative, and Tugpad Pangarap Producer Multipurpose Cooperative, their staff and members for providing assistance to the author, and generous cooperation, precious time and support during the conduct of his study;

To his best friend Ms. Virginia D. Ibrao, for her moral support, spiritual encouragement and her precious time for the translation of research instruments from English to Filipino version, and corrections of this manuscript;

To his sisters and brothers from the Church collegians of campus life, for their encouragement and prayers and support that he shall never forget;

All his professors, for their guidance and support;

All Myanmar students in the Central Luzon State University, for their help, encouragement, and shared experiences;

The author is likewise grateful to his Mother Church of Ki Thlueng Baptist Church for supporting him spiritually and morally;

Finally, he extends his deepest gratitude and appreciation to his lovely wife, Hnin Wai Oo, son L.D. Seth Mang Bawi, to his sisters Cing Cing, Cing Aye, Hla Pai, Union, Junely Par, Ai Daeng family, Par Mawi family, to U Lawng Thang family, Welson Padai family from Australia, and San Zaw Thwe family for the love and understanding of his

situation for consistently praying and for financially supporting and for imprinting in his heart the perseverance throughout his academic years;

To all others the author failed to mention, appreciation is due. To them all, this piece of work is humbly dedicated.

**L.D. HEN TING**

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## ACRONYMS

AFMech	Agriculture and Fisheries Mechanization
BODs	Board of Directors
CBU	Capital Built-Up
CDA	Cooperative Development Authority
CSF	Common Service Facilities
DA	Department of Agriculture
DAR	Department of Agrarian Reform
DARFU	Department of Agriculture Regional Fields Units
DBP	Development Bank of the Philippines
FAO	Food and Agriculture Organization
GMB	GM Bank
LBP	Land Bank of the Philippines
LGUs	Local Government Units
MPC	Multi Purpose Cooperative
NGAs	National Government Agencies
NGOs	Non-government Organizations
PCEDO	Provincial Cooperative and Economic Development
PhilMech	Philippines Center for Postharvest Development and Mechanization
PhilRice	Philippines Rice Research Institute
RDE	Research and Development and Extension
BMMC	Bagong Buhay ng Mabini Multipurpose Cooperative
APC	Aglipay Producer Cooperative
TNPMC	Talabutab Norte Primary Multipurpose Cooperative
TPMC	Tupad Pangarap Multipurpose Cooperative

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## ABSTRACT

**TING, L.D. HEN**, College of Agriculture, Central Luzon State University, Science City of Munoz, Nueva Ecija, Philippines, **February 2017. COOPERATIVES AS CHANNEL OF PROMOTING UTILIZATION OF COMMON SERVICE FACILITIES AMONG RICE FARMERS IN NUEVA ECIJA, PHILIPPINES.**

Adviser: **PASTORA S. COLOMA, PhD**

The study aimed to describe and assess how cooperatives promote utilization of common service facilities among the members in rice production management in Nueva Ecija province.

The study covered four agri-based cooperatives from four districts in Nueva Ecija namely: Bagong Buhay ng Mabini Multi-Purpose Cooperative, Aglipay Producers Cooperative, Talabutab Norte Primary Multi-Purpose Cooperative, and Tupad Pangarap Primary Multi-Purpose Cooperative. Fifteen percent of farmer-members were chosen from each cooperative to be respondents of the study, using proportional sampling procedure. Total respondents of 189 cooperative-members were interviewed using survey method. A total of 20 BODs and cooperative management team participated in the on-site focus group discussion.

Primary data were gathered through personal interviews and focus group discussion using guide questions. Secondary data were gathered through office visits and review of cooperative office's reports and other relevant documents.

The four cooperatives managed and operated a total of 42 units of farm machines known as common service facilities (CSF) which were composed of hand tractor, 4wheel

tractor-big, 4-wheel tractor-small, drum seeder, mechanical transplanter, combine harvester, rice-thresher, flatbed dryer, and recirculation dryer. Most of the CSF of cooperatives were obtained from the Department of Agrarian Reform (DAR) and Department of Agriculture (DA) through grant with 10-20 percent equity payment by the cooperatives.

Cooperative lends CSF to the farmer-members on a first come first serve basis following the CSF policies. Out of 1265, a total of 541 members were serviced by CSF in four cooperatives as of 2015. Also cooperatives provided loans for crop production, providential, capital share, farming equipment, emergency, and income generating projects. Two-third of members availed loans from cooperative for crop production.

The most effective strategy to promote CSF services was the general assembly meeting where majority of cooperative members were present. For non-members, word of mouth or personal contacts with cooperative members was the most effective promotional strategy. The mechanical transplanter was difficult to promote due to the perceived high cost of rental payment. Even though CSF could not cater to all farmer-members, respondents were satisfied at the usage of CSF.

Based on the test of relationship, sex, marital status, educational attainment, number of year in cooperative, membership in other organizations, amount of loan, farm size, number of machines and vehicles owned by respondents were related to the number of machine usage and number of hectare covered. Number of years in cooperative was negatively associated with satisfaction and adequacy of extent of utilization. Numbers of hectares covered were positively and significantly related to rice yield and income.

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