IMPROVING FARMERS' PRACTICES IN MANGO PROPAGATION THROUGH VEGETATIVE METHODS IN LUANG PRABANG

PROVINCE, LAO PDR

THONGSAMOUT PHOUMMASONE

IN AGRICULTURAL SYSTEMS

MASTER OF SCIENCE (AGRICULTURE) TURAL SYST ลิขสิทธิ์มหาวิทยาลัยเชียงใหม Copyright © by Chiang Mai University All rights reserved

GRADUATE SCHOOL CHIANG MAI UNIVERSITY **MAY 2003**

IMPROVING FARMERS' PRACTICES IN MANGO PROPAGATION THROUGH VEGETATIVE METHODS IN LUANG PRABANG

PROVINCE, LAO PDR

THONGSAMOUT PHOUMMASONE

A THESIS SUBMITTED TO THE GRADUATE SCHOOL IN
PARTIAL FULFILLMENT OF THE REQUIREMENTS
FOR THE DEGREE OF MASTER OF SCIENCE
(AGRICULTURE)

IN AGRICULTURAL SYSTEMS

ลิขสิทธิ์มหาวิทยาลัยเชียงใหม่ Copyright © by Chiang Mai University All rights reserved

GRADUATE SCHOOL
CHIANG MAI UNIVERSITY
MAY 2003

IMPROVING FARMERS' PRACTICES IN MANGO PROPAGATION THROUGH VEGETATIVE METHODS IN LUANG PRABANG PROVINCE, LAO PDR

THONGSAMOUT PHOUMMASONE

THIS THESIS HAS BEEN APPROVED TO BE A PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE DEGREE OF MASTER OF SCIENCE (AGRICULTURE) IN AGRICULTURAL SYSTEMS

EXAMINING COMMITTEE	/ //
	7 7
	CHAIRMAN
Assoc. Prof. Dr. Tavatchai Radanachaless	
	. MEMBER
Lect. Phrek Gypmantasiri	
UIVI	
	MEMBER
Assoc. Prof. Kesinee Ramingwong	7
avansuknonuna	algagiki
	MEMBER
Assoc. Prof. Dr. Benchaphun Ekasingh	Aai University
All rights re	served

2 May 2003

ã Copyright by the Graduate School, Chiang Mai University

Acknowledgements

I wish to acknowledge my sincere gratitude to all the individuals who assisted me in this work and during my stay at Chiang Mai University. In particular, I am especially indebted to the Chairman of the Thesis Examining Committee and my major advisor, Assoc. Prof. Dr. Tavatchai Radanachaless, for his professional advice, sustained interest, and invaluable help.

I am also thankful to other committee members, Lecturer Phrek Gypmantasiri and Assoc. Prof. Kesinee Ramingwong and Assoc. Prof. Dr. Benchapun Ekasingh for their advice and comments in the course of this work. Also I wish to acknowledge the generosity, encouragement and support from all Ajams and staff at Multiple Cropping Center. Special thanks are due to Khun Woralack the Secretary of the International Graduate Program, for her generous cooperation throughout the course of my study.

Recognition is also extended to the Department of Technical and Economic Cooperation (DTEC) for providing me scholarship to complete graduate study. It is equally praise worthy to acknowledge the Northern Agricultural and Forestry College (NAEC) and Ministry of Agriculture and forestry for granting me the study leave, to pursue M.S. in Agricultural Systems at Chiang Mai University.

Thanks are also offered to Mr. Khampoui Phonexai, NAFC' Director and staff for their kindness, encouragement and help on fieldwork. Special thanks are also extended to the Provincial Agricultural Service of Luang Prabang, District Agriculture Service of Pak-Ou, and farmers for their kind cooperation during the household survey and workshop on feasibility assessment of grafting techniques.

It is worthy to mention Ajarn Niwat Shouwsin and Khun Rungthip Utumpan for helping in implementation of the field experiment and for her excellent translation of English abstract into Thai.

I am thankful to all my unforgettable colleagues in the International Graduate Program, Somsamout, Khampheng, Sithan, Tayan, Maleerat, Deunram, Utt, Mieow, Tuan, Sy, Chouc, Chau, Tien, Nhan, Houang, Giam, Phung, Trung, Khoi and others have been of immense help. Special thanks are due to Lecturer Pairat Luanthaisong, Dr. Jakkrit Yerum at Rajamangala Institute of Technology (RIT) Kalasin and friend Dorjee from Buthan for their correction of my writing.

Finally, I am highly grateful to my father (Thongda), my mother (Chanesouk), my mother-in-law (Mae Chanh), my wife (Bouavone Phoummasone), my daughter and son (Rattanaphone and Kachonesack), brothers and sisters for their love, patience, sacrifice, constant supports, moral encouragement and understanding.

TO MAI

Thongsamout Phoummasone

ลิขสิทธิ์มหาวิทยาลัยเชียงใหม่ Copyright © by Chiang Mai University All rights reserved