

**COMPARATIVE ANALYSIS OF ORGANIC AND CONVENTIONAL TEA
PRODUCTION SYSTEMS IN THE NORTH MOUNTAINOUS
AND MID-HILL REGION, VIETNAM**

NGUYEN CHI TRUNG

**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**

APRIL 2003

**COMPARATIVE ANALYSIS OF ORGANIC AND CONVENTIONAL TEA
PRODUCTION SYSTEMS IN THE NORTH MOUNTAINOUS
AND MID-HILL REGION, VIETNAM**

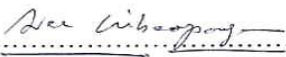
NGUYEN CHI TRUNG

**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


.....
Asst. Prof. Dr. Pattana Jierwiriya


CHAIRMAN


.....
Assoc. Prof. Dr. Aree Wiboonpongse

MEMBER


.....
Lect. Dr. Songsak Sriboonchitta

MEMBER


.....
Assoc. Prof. Dr. Tavatchai Radanachales

MEMBER

28 April 2003

©Copyright by the Graduate School, Chiang Mai University

Acknowledgements

I am greatly pleased to extend profound gratitude to people and institutions, who have helped in the completion of my study at MCC, Chiang Mai University.

First and foremost, I would like to express my sincere appreciation and respect to Assist. Prof. Dr. Pattana Jierwiriya-pant, my academic advisor as well as chairman of my thesis research committee for her continuous and immeasurable guidance, constructive comments, and genuine help not only in academic field but also to solve other problems that came up during the course of the study.

I am also equally grateful to other members of advisory committee, Assoc. Prof. Dr. Aree Wiboonpoongse, Dr. Songsak Sriboonchitta, and Assoc. Prof. Dr. Tavatchai Radanachaless for their invaluable suggestions and constructive comments.

I would like to offer sincere thanks to Ajan Phrek, Chairman of AGS program, Ms. Woraluck, Program Secretary for their helps and guides from the beginning to the completion of my graduate study. I am indebted much Dr. Methi Ekasingh who gave me useful and practiced lectures on GIS and researching approaches in the graduate courses.

I am grateful to Ford Foundation for awarding me the scholarship throughout the graduate works in Chiang Mai University in 2001 – 2003.

The lecturers and staff of Multiple Cropping Center (MCC), Faculty of Agriculture, Chiang Mai University whose co-operation, sharing knowledge, experience and services during the study period help to complete successfully my study. I am sincerely pleased to express thanks and gratitude to all of them.

It is greatly pleased to thank the leaders of my office, Prof. Dr. Vu Nang Dzung, Dr. Nguyen Van Chinh, Dr. Nguyen Vo Linh, who have encouraged me to study and complete the graduate work, and staff of Agro-zoning Division, NIAPP, who have helped and provided a relevant information and research data in my study in Vietnam.

Special thanks to Ms Nguyen Thi Hoa, CIDSE's officer, for her helps and guidance for my field trips to two provinces, extend all thanks to Mr. Vuong, Mr. Chien, Thai Nguyen Crop Protection Service and Mr. Toan, Mr. Long, Phu Tho Crop Protection Service for their helps and aspiration. A lot of thanks go to tea growers in selected study sites, Dong Hy and Thanh Ba districts, for their patient and sharing information and experience.

Sincere thanks go to all AGS students for their kindness and friendly cooperation. Finally, most gratitude would be to my parent who always agree and encourage me to jump in scientific researching, and my wife (Mai Hong) and my daughter (Mai Anh), for their sacrifices, patience and love they have dedicated to me while I was far away from home.

Nguyen Chi Trung

ลิขสิทธิ์มหาวิทยาลัยเชียงใหม่
Copyright © by Chiang Mai University
All rights reserved