POTENTIAL TO COMPLY WITH GOOD AGRICULTURAL PRACTICES (GAP) STANDARD BY MANGO FARMERS IN SOUTHERN SHAN STATE, MYANMAR

JOHANNES MÜLLER

MASTER OF SCIENCE IN SUSTAINABLE AGRICULTURE AND INTEGRATED WATERSHED MANAGEMENT

Copyright[©] by Chiang Mai University

rights reserved

GRADUATE SCHOOL
CHIANG MAI UNIVERSITY
DECEMBER 2016

POTENTIAL TO COMPLY WITH GOOD AGRICULTURAL PRACTICES (GAP) STANDARD BY MANGO FARMERS IN SOUTHERN SHAN STATE, MYANMAR

JOHANNES MÜLLER

A THESIS SUBMITTED TO CHIANG MAI UNIVERSITY IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE DEGREE OF MASTER OF SCIENCE

IN SUSTAINABLE AGRICULTURE AND INTEGRATED WATERSHED MANAGEMENT

ลิขสิทธิ์มหาวิทยาลัยเชียงใหม่ Copyright[©] by Chiang Mai University All rights reserved

GRADUATE SCHOOL, CHIANG MAI UNIVERSITY
DECEMBER 2016

POTENTIAL TO COMPLY WITH GOOD AGRICULTURAL PRACTICES (GAP) STANDARD BY MANGO FARMERS IN SOUTHERNSHAN STATE, MYANMAR

JOHANNES MÜLLER

THIS THESIS HAS BEEN APPROVED TO BE A PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE DEGREE OF MASTER OF SCIENCE IN SUSTAINABLE AGRICULTURE AND INTEGRATED WATERSHED MANAGEMENT

Examination Committee:	Advisory Committee:
Vick Sald Chairman	Molly Fre Advisor
(Asst. Prof. Dr. Vitcha Sardsud)	(Dr.Wolfram Spreer)
Wellin Sto Member	Co-advisor
(Dr.Wolfram Spreer)	(Prof. Dr. Joachim Müller)
Member Member	
(Prof. Dr. Joachim Müller)	

2 December 2016 Copyright © by Chiang Mai University

ACKNOWLEDGEMENTS

I would like to express my gratitude to my supervisors Prof. Dr. Joachim Müller and Dr. Wolfram Spreer for their continuous support, valuable and critical comments, professional guidance and engagement throughout the learning process of this master thesis and the Master of Science program Sustainable Agriculture and Integrated Watershed Management in Thailand and Germany.

I am thankful to Dr. Vicha Sardsud, former director of the Post-Harvest Research Institute of the Chiang Mai University, Thailand and Dr. Yuichiro Amekawa, Kyushu University, Japan, for their valuable time and advice with respect to pre-and post-harvest treatments and GAP rules in Thailand and Myanmar.

I am also thankful to Mathias Plewa from the GIZ for sharing his experience concerning mango value chain development in the study area and his effort to facilitate interviews with experts from different disciplines in the Shan State, Myanmar.

Moreover I am grateful to Mr. Kyi Nyein Chan, Mr. Thant Zaw Soe, and Dr. Thida Win Ko Ko (Empower), the team from Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) Myanmar for collection of quantiative baseline data on mango production in Southern Shan State, which was elaborated in the frame of the GIZ project 2012.2451.8-001.00 "Capacity Strengthening for Private Sector Development", and Mrs. Hsu Pyae Kyaw from GIZ for aggregating the data and interpreting Burmese-English interviews.

I am grateful for the time and patience from Dr. Astrid Faust (International Advisor Myanmar Fruit and Vegetable Producer and Exporter Association (MFVP)) and Dr. U Soe Thein, Chairman of the MFVP in the Southern Shan State for their time, detailed information and critical comments concerning the current development of the mango sector in the Shan State, Myanmar.

Special thanks also to Todd Walton, fruit tree specialist from Winrock International to share his dedication to mango production and valuable insights to challenges in the Shan State. Finally I would like to express my gratitude to all who supported me directly or indirectly with their time, efforts and expertise during the course of this master thesis.

Johannes Müller