ACKNOWLEDGMENTS

I wish to express my deep gratitude to my adviser, Assoc. Prof. Dr. Tipvadee Attathom who extends valuable encouragement, suggestions and criticism throughout the course of my study. Her constant assistance and kindness in editing this thesis manuscript is highly appreciated.

I would like to deeply thank my major committee, Assoc. Prof. Dr. Wiwat Suasa-ard and my minor committee, Assist. Prof. Dr. Wanwilai Intanoo for their guidance and suggestion throughout the course of this study.

Special thanks are extended to Assoc. Prof. Kosol Charernsom for identifying the predators, to Dr. Prabhat Kumar, Miss Nattatinee Sirimachan, Miss Sineenart Rattanaka, Miss Cheerapha Panyasiri and Miss Tawee Maneerat for their helpfulness and friendship during my graduate study.

Most of all, I would like to thank my parent and my brothers for their continued supports and encouragement for the success and completion of this study and especially, their endless love throughout of my life.

This study was funded by the National Research Council of Thailand (NRCT) and the Deutsche Forschungsgemeinschift (DFG, German Research Council) within frame work of the joint reseach project on "Integrated Management of Tomato Pests under Protected Cultivation Using Biological Products". Special thanks are extended to Prof. Dr. Michael Poehling, Institute of Plant Diseases and Plant Protection, Faculty of Horticulture, Hannover University, Germany for his valuable suggestions and effort in providing MS. Scholarship through the DFG project.

Weerana Sompeewong