SELECTION OF GALANGA CULTIVARS FOR PRODUCING ANTI-FUNGAL AGENT BY DNA FINGERPRINT TECHNIQUE

ORAPIN SARITNUM

A THESIS SUBMITTED TO THE GRADUATE SCHOOL IN PARTIAL FULFILLMENT OF THE REQUIREMENTS

FOR THE DEGREE OF

MASTER OF SCIENCE

(AGRICULTURE)

IN HORTICULTURE

GRADUATE SCHOOL
CHIANG MAI UNIVERSITY
SEPTEMBER 2003

SELECTION OF GALANGA CULTIVARS FOR PRODUCING ANTI-FUNGAL AGENT BY DNA FINGERPRINT TECHNIQUE

ORAPIN SARITNUM

THIS THESIS HAS BEEN APPROVED

TO BE A PARTIAL FULFILLMENT OF THE REQUIREMENTS

FOR THE DEGREE OF MASTER OF SCIENCE (AGRICULTURE)

IN HORTICULTURE

EXAMINING COMMITTEE	
+Wi	_CHAIRPERSON
Asst. Prof. Dr. Pittaya Sruamsiri	
W. Bom dothy a	_MEMBER
Dr. Weenun Bundithya	
Rasit none	_MEMBER
Asst. Prof. Dr. Prasit Noree	

16 September 2003

©Copyright by Chiang Mai University

ACKNOWLEDGEMENT

This thesis would not have been completed without a good gesture from many persons. I would like to express my very appreciation to my advisor Asst. Prof. Dr. Pittaya Sruamsiri, Co-advisor Dr. Weenun Bundithya and examining committee Asst. Prof. Dr. Prasit Noree for their helpful guidance, valuable advice and care.

Together with this, I am very grateful to Prof. Dr. Minami Mineo, Mr. Matsushima Ken-ichi, Mr. Nemoto Kazuhiro and Mr. Konisho Kunihiko, Shinshu University in Japan who help me very kindly with data analysis, suggestion and comments. Thanks are also extended to the members of Ag-Biotech, Agriculture and Industrial home and anonymous people in helping.

I have received a scholarship for graduate study from Subproject: Graduate study and research in Ag-biotech, Faculty of Agriculture, Chiang Mai University. Most of the chemicals and equipment used in this study were financially supported by Ag-Biotech. I would like to express sincere thanks for invaluable support from Ag-Biotech.

Finally, I would like to express my deepest gratitude to my parents, my sister, all members of my family and my friends for their unlimited love, care, understanding and encouragement extended throughout my study.

Orapin Saritnum

